

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101618\
 Data File : BG037384.D
 Acq On : 17 Oct 2018 10:11
 Operator : JU/SJ
 Sample : PB113496BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Manual Integrations
 APPROVED

Sohil
 10/17/2018 4:32:45 PM

Quant Time: Oct 17 11:23:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57915	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	283391	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	189169	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	463834	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	423024	20.00	ng	-0.01
87) Perylene-d12	25.12	264	440782	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	534503	162.42	ng	0.00
7) Phenol-d6	7.26	99	753258	150.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	419485	97.32	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	278407	150.07	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1044446	82.92	ng	-0.01
79) Terphenyl-d14	20.09	244	1598522	79.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	54265	29.361	ng	95
3) Pyridine	3.93	79	153202	34.912	ng	94
4) n-Nitrosodimethylamine	3.86	42	73881	43.355	ng	# 95
6) Aniline	7.43	93	235451	36.010	ng	97
8) 2-Chlorophenol	7.67	128	193669	50.285	ng	99
9) Benzaldehyde	7.25	77	58062	16.884	ng	98
10) Phenol	7.28	94	264692	50.316	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	177364	41.269	ng	96
12) 1,3-Dichlorobenzene	8.00	146	181000	39.976	ng	98
13) 1,4-Dichlorobenzene	8.15	146	183164	39.957	ng	99
14) 1,2-Dichlorobenzene	8.47	146	178241	40.126	ng	98
15) Benzyl Alcohol	8.35	79	175654	44.958	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	318314	37.465	ng	98
17) 2-Methylphenol	8.54	107	180600	51.260	ng	98
18) Hexachloroethane	9.20	117	66541	42.530	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	148915	39.378	ng	96
20) 3+4-Methylphenols	8.87	107	247949	50.331	ng	99
22) Acetophenone	8.94	105	282097	39.489	ng	# 97
24) Nitrobenzene	9.33	77	212779	46.087	ng	96
25) Isophorone	9.85	82	434218	44.127	ng	97
26) 2-Nitrophenol	10.04	139	102479	56.652	ng	92
27) 2,4-Dimethylphenol	10.08	122	211493	51.421	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	262310	42.608	ng	98
29) 2,4-Dichlorophenol	10.57	162	211123	50.567	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	198952	39.159	ng	100
31) Naphthalene	10.99	128	595821	43.261	ng	100
32) Benzoic acid	10.19	122	101167m	44.546	ng	
33) 4-Chloroaniline	11.09	127	179590	27.797	ng	94
34) Hexachlorobutadiene	11.25	225	114203	36.197	ng	97
35) Caprolactam	11.88	113	81016	47.598	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	231039	46.856	ng	97
37) 2-Methylnaphthalene	12.58	142	455425	45.311	ng	99
38) 1-Methylnaphthalene	12.80	142	437487	44.566	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	229313	37.432	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	274909	108.854	ng	97
43) 2,4,6-Trichlorophenol	13.18	196	180376	50.755	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	193875	50.704	ng	96
46) 1,1'-Biphenyl	13.58	154	587968	37.784	ng	99
47) 2-Chloronaphthalene	13.63	162	466734	39.708	ng	98
48) 2-Nitroaniline	13.83	65	155027	48.597	ng	94
49) Acenaphthylene	14.47	152	781039	43.437	ng	100
50) Dimethylphthalate	14.20	163	630640	42.421	ng	99
51) 2,6-Dinitrotoluene	14.33	165	140713	48.656	ng	92
52) Acenaphthene	14.81	154	458343	41.267	ng	97
53) 3-Nitroaniline	14.65	138	120272	38.668	ng	# 93
54) 2,4-Dinitrophenol	14.85	184	37857	50.891	ng	97
55) Dibenzofuran	15.14	168	739371	41.026	ng	98
56) 4-Nitrophenol	14.94	139	230554	95.091	ng	98
57) 2,4-Dinitrotoluene	15.11	165	193874	52.486	ng	# 96
58) Fluorene	15.79	166	600297	44.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	173097	51.132	ng	99
60) Diethylphthalate	15.55	149	639825	41.529	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	313052	39.293	ng	99
62) 4-Nitroaniline	15.82	138	157538	48.255	ng	91
63) Azobenzene	16.07	77	596737	40.398	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	51569	37.066	ng	96
66) n-Nitrosodiphenylamine	15.99	169	556882	40.883	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	201106	40.174	ng	97
68) Hexachlorobenzene	16.78	284	204411	39.384	ng	99
69) Atrazine	16.94	200	212055	41.886	ng	99
70) Pentachlorophenol	17.13	266	219118	65.435	ng	97
71) Phenanthrene	17.53	178	985799	41.752	ng	99
72) Anthracene	17.63	178	1009007	43.660	ng	97
73) Carbazole	17.90	167	936948	39.349	ng	100
74) Di-n-butylphthalate	18.44	149	1085408	42.529	ng	100
75) Fluoranthene	19.54	202	1168749	42.352	ng	97
77) Benzidine	19.72	184	554314	34.253	ng	99
78) Pyrene	19.90	202	1150416	41.727	ng	98
80) Butylbenzylphthalate	20.78	149	500237	46.635	ng	96
81) Benzo(a)anthracene	21.76	228	1097453	43.317	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	296030	30.290	ng	98
83) Chrysene	21.83	228	1011424	41.851	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	693792	45.042	ng	99
85) Di-n-octyl phthalate	22.89	149	1159930	46.396	ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1184547	44.220	ng	99
88) Benzo(b)fluoranthene	24.05	252	1084276	45.245	ng	98
89) Benzo(k)fluoranthene	24.12	252	1037074	43.856	ng	97
90) Benzo(a)pyrene	24.96	252	1047586	45.588	ng	98
91) Dibenzo(a,h)anthracene	29.03	278	969088	44.075	ng	# 97
92) Benzo(g,h,i)perylene	30.17	276	967699	44.067	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

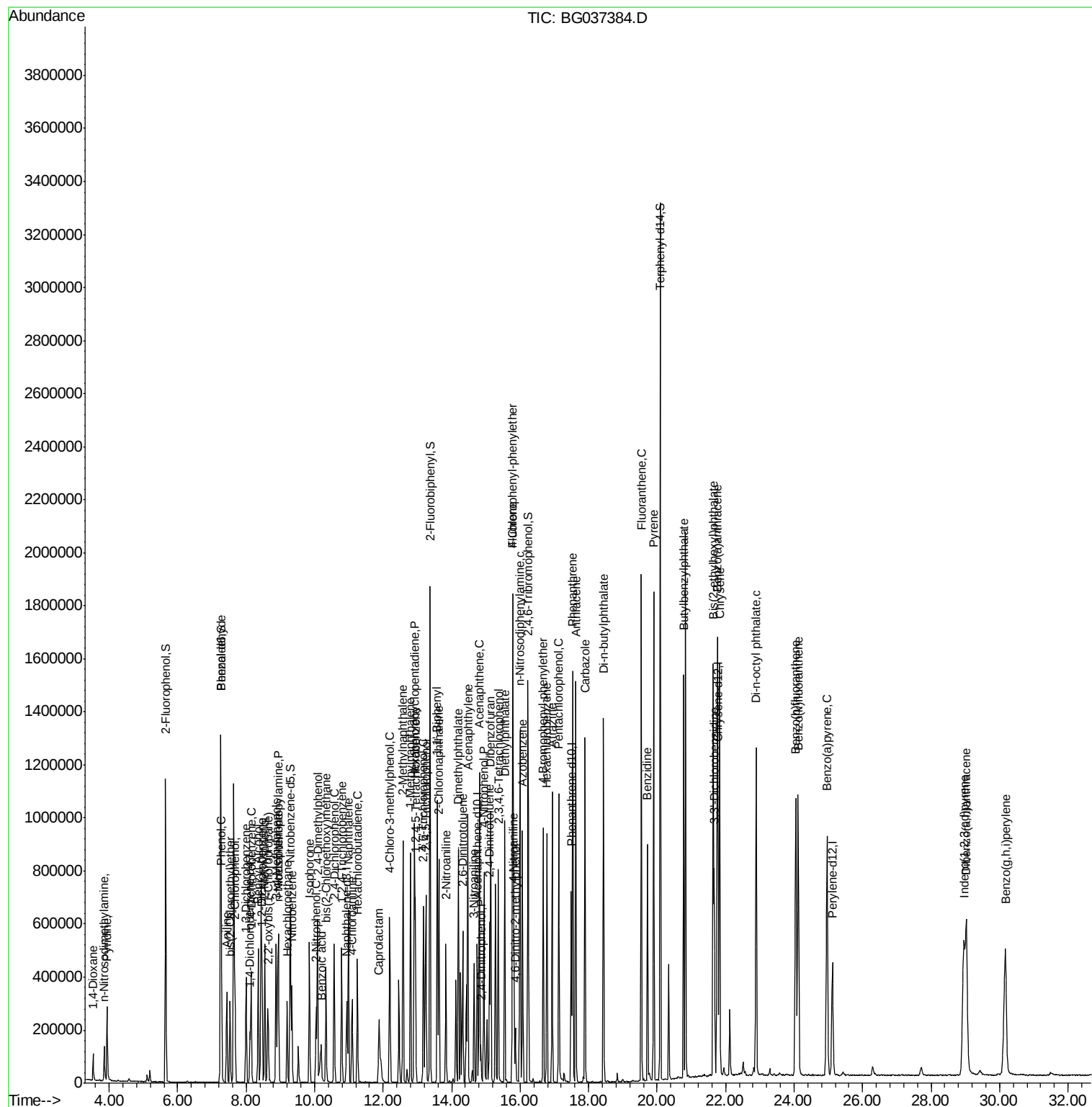
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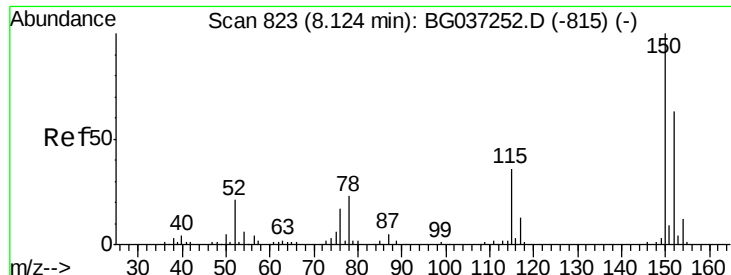
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#1

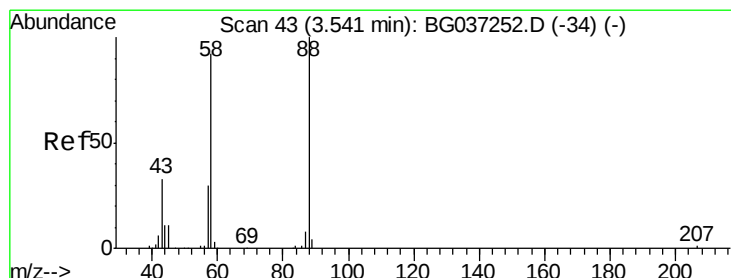
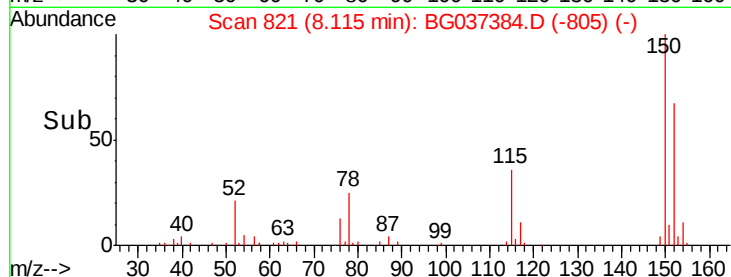
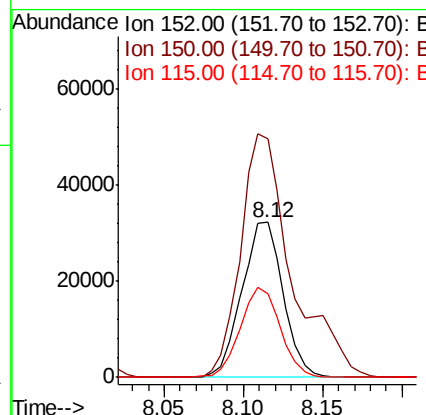
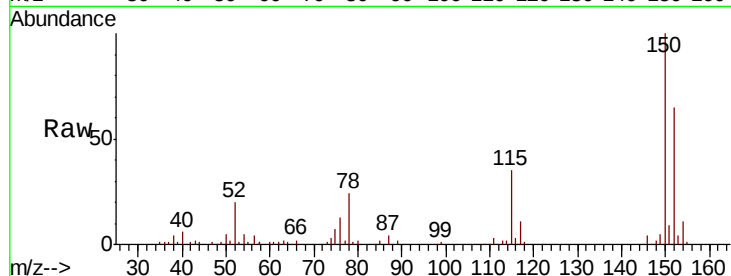
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.0	189.0
115	53.6	45.5	68.3

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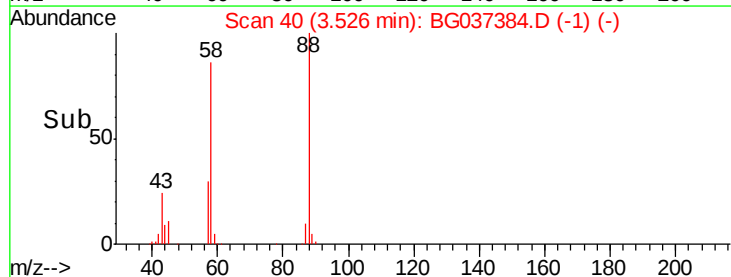
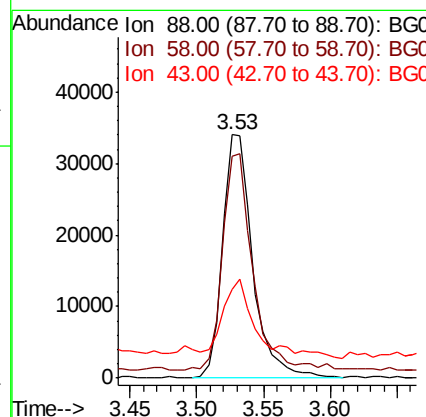
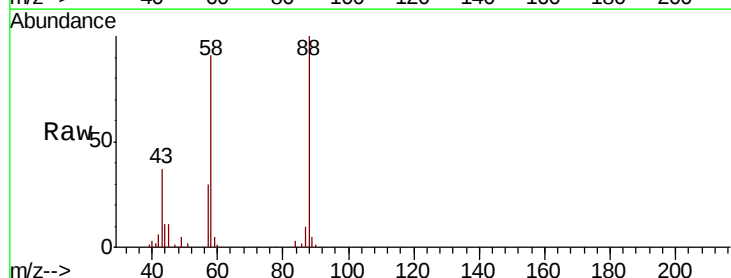
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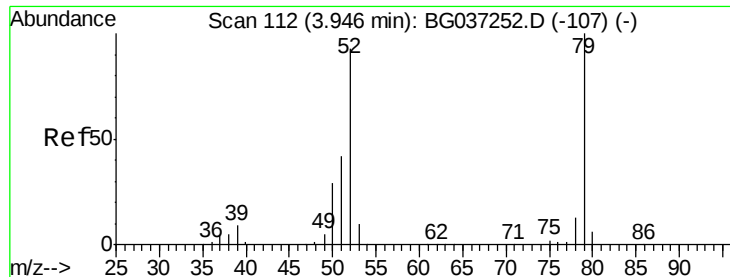


#2

1,4-Dioxane
Concen: 29.361 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	74.4	111.6
43	35.9	25.8	38.8





#3

Pyridine

Concen: 34.912 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

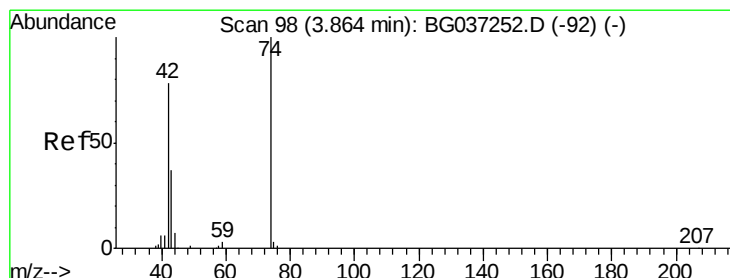
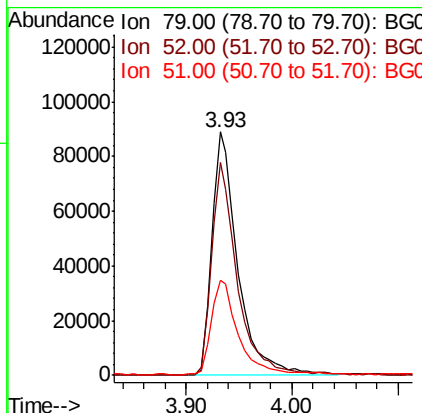
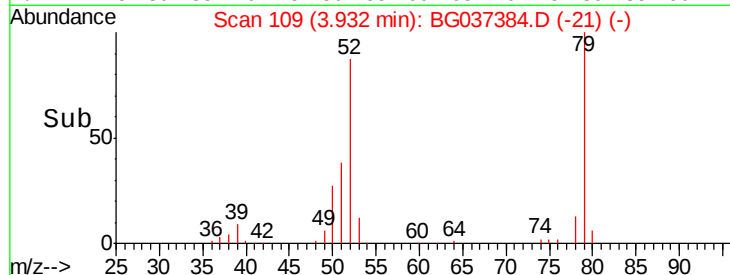
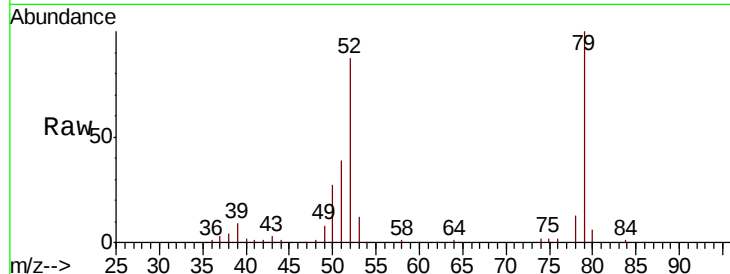
ClientSampleId :

PB113496BS

Tgt Ion:	79	Resp:	153202
Ion Ratio	Lower	Upper	
79	100		
52	87.2	74.2	111.2
51	38.8	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 43.355 ng

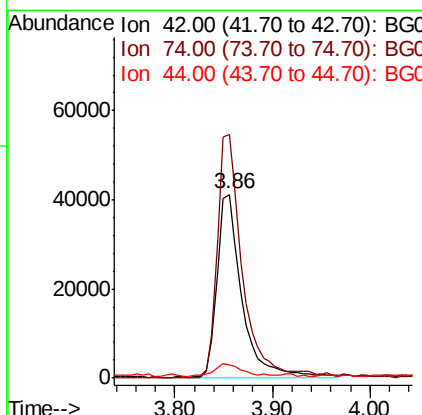
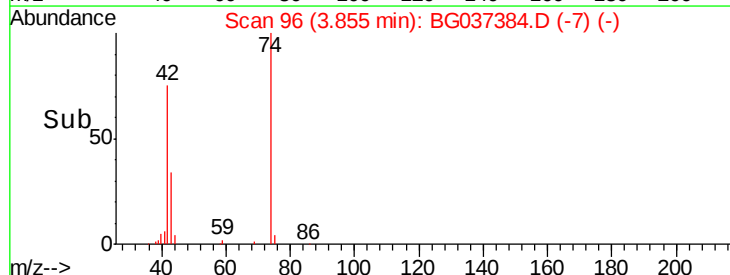
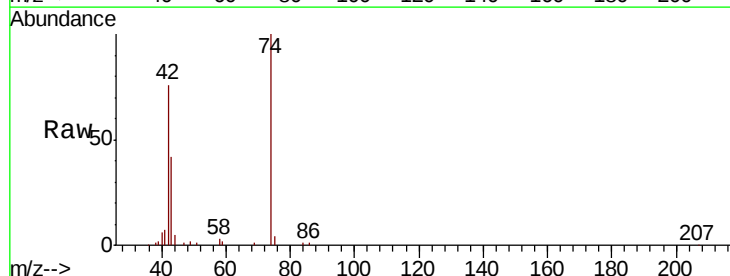
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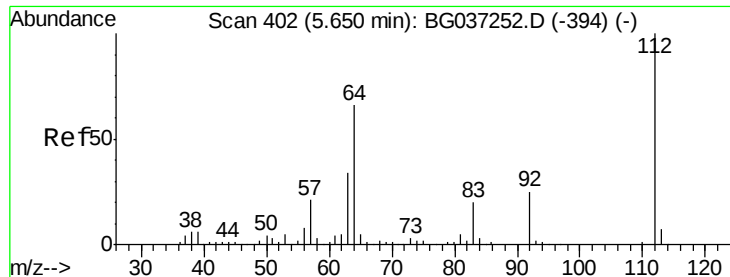
Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion:	42	Resp:	73881
Ion Ratio	Lower	Upper	
42	100		
74	132.3	102.0	153.0
44	7.1	9.6	14.4#





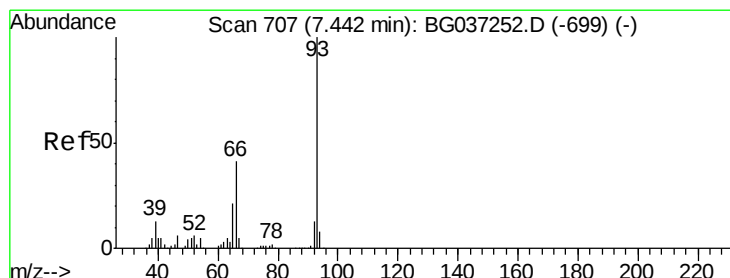
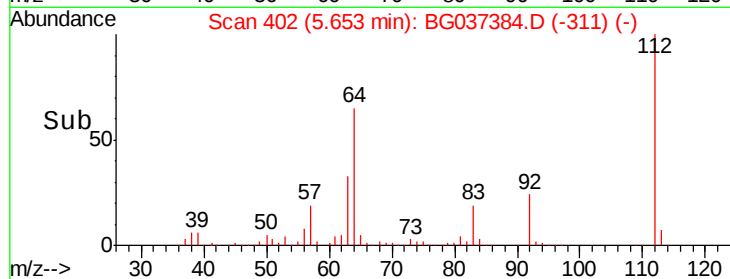
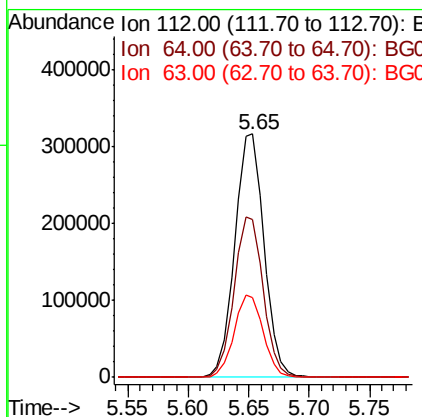
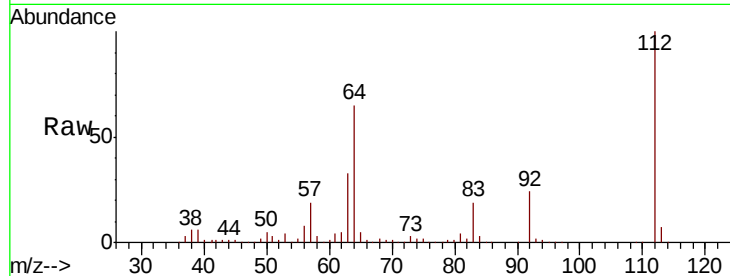
#5
 2-Fluorophenol
 Concen: 162.423 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion:	112	Resp:	534503
Ion Ratio	Lower	Upper	
112	100		
64	64.9	53.1	79.7
63	32.7	27.3	40.9

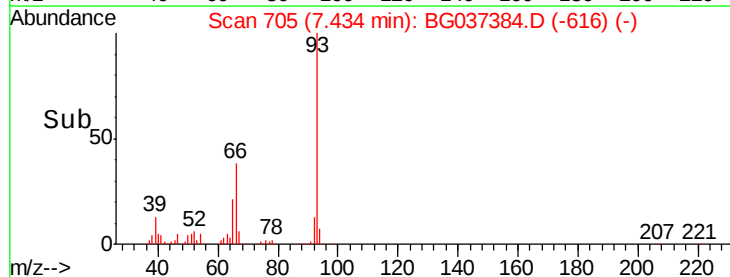
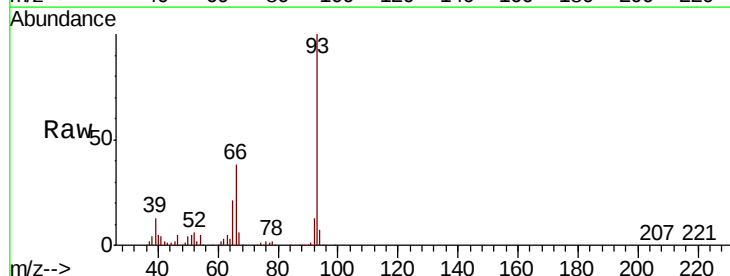
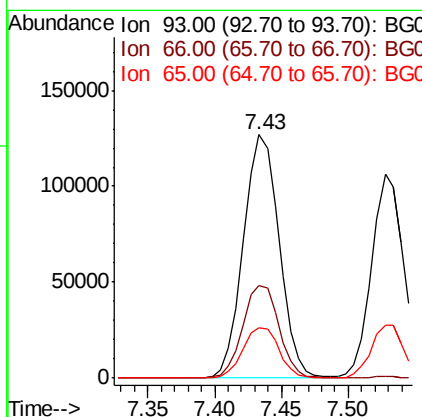
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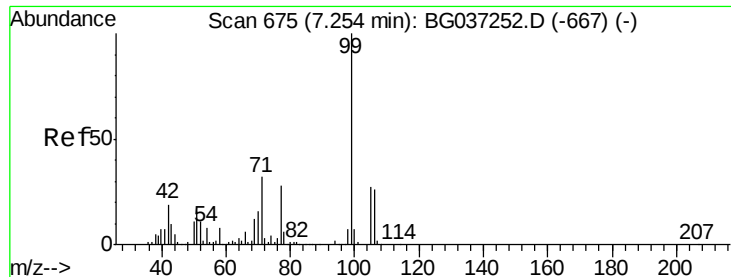
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#6
 Aniline
 Concen: 36.010 ng
 RT: 7.43 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion:	93	Resp:	235451
Ion Ratio	Lower	Upper	
93	100		
66	38.1	32.8	49.2
65	20.7	16.4	24.6





#7

Phenol-d6

Concen: 150.805 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

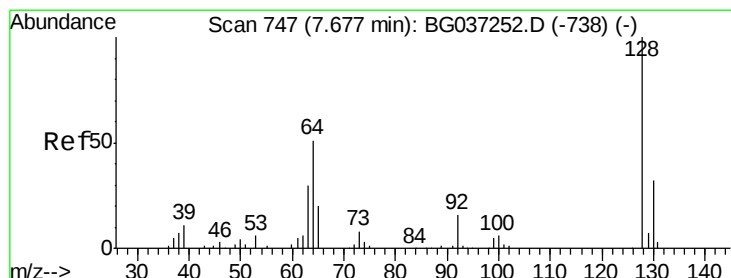
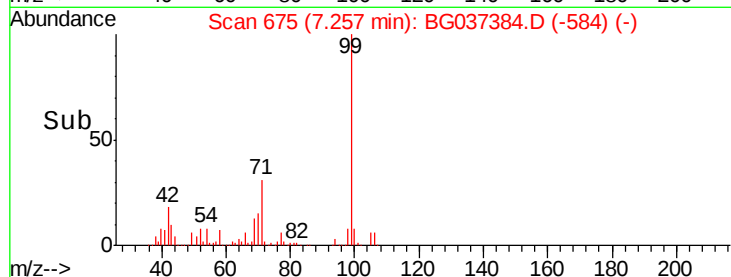
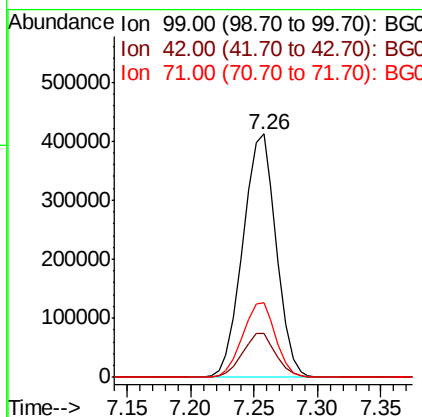
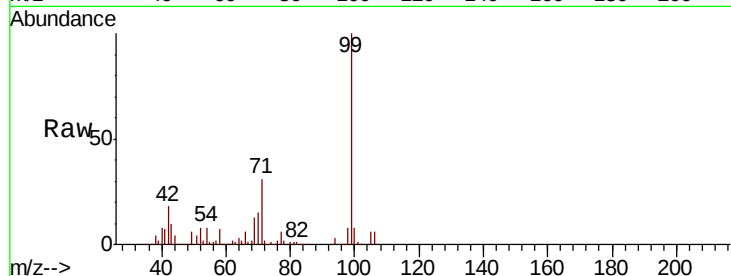
ClientSampleId :

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Tgt Ion:	99	Resp:	753258
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.0	22.4
71	30.7	25.5	38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.285 ng

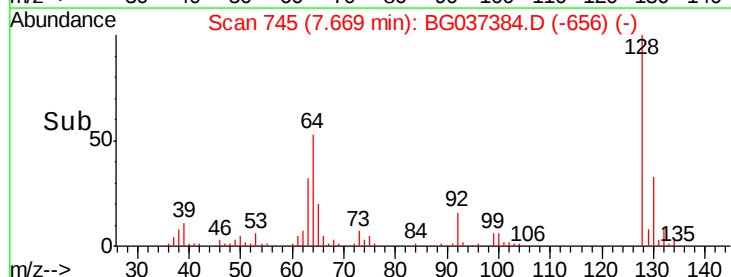
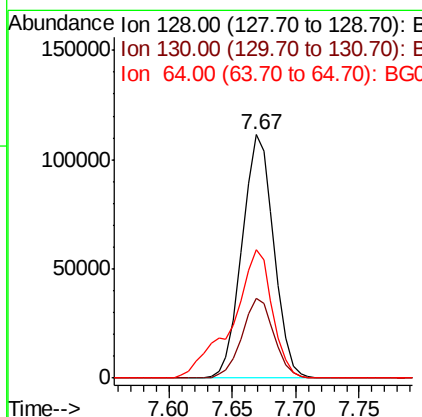
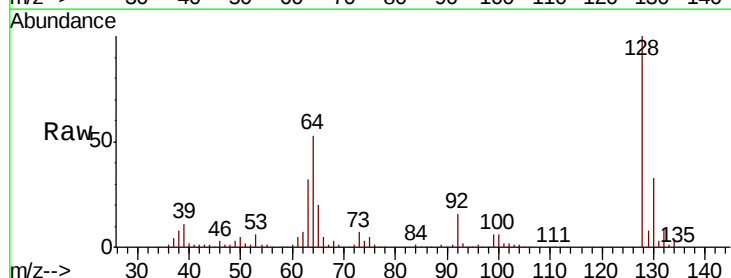
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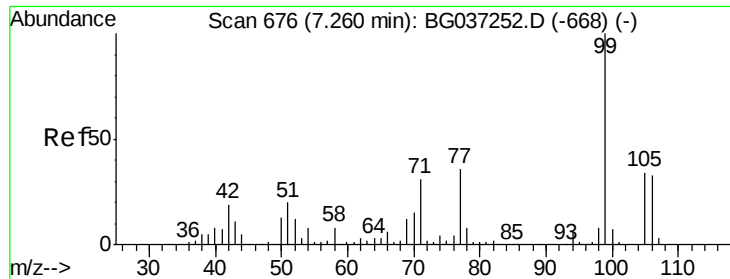
Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion:	128	Resp:	193669
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	52.7	32.9	72.9





#9

Benzaldehyde

Concen: 16.884 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

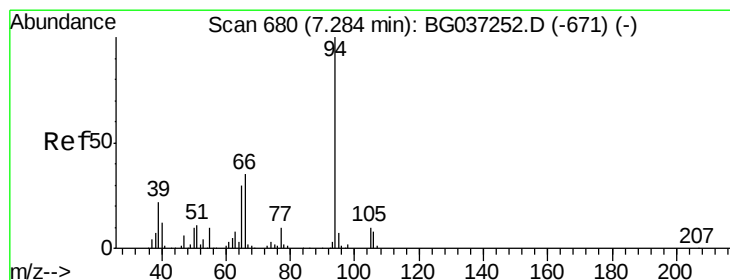
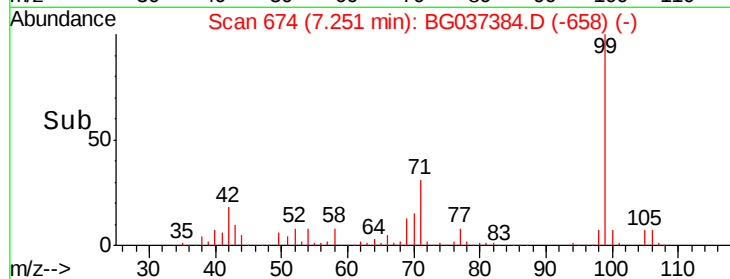
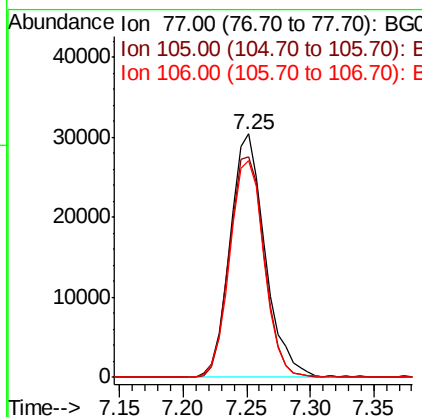
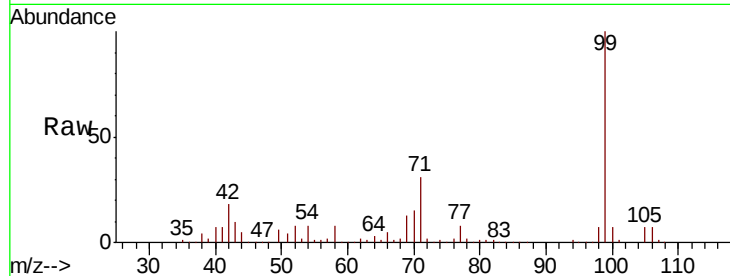
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.7	72.6	112.6
106	88.8	71.3	111.3

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#10

Phenol

Concen: 50.316 ng

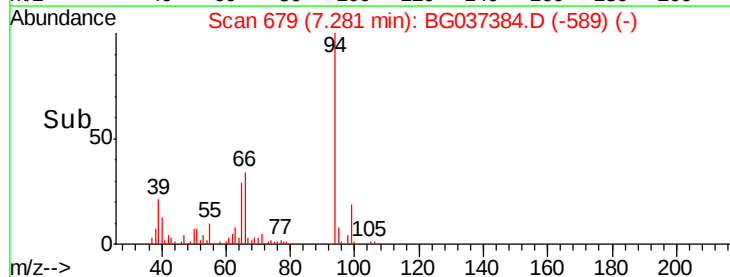
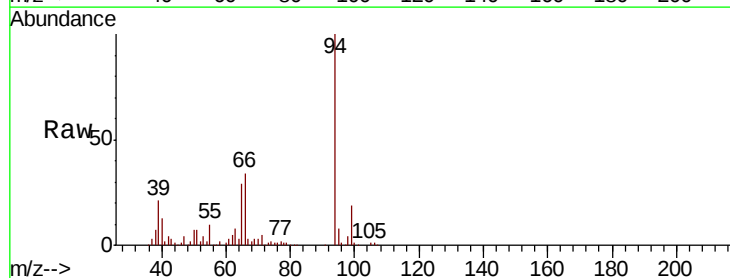
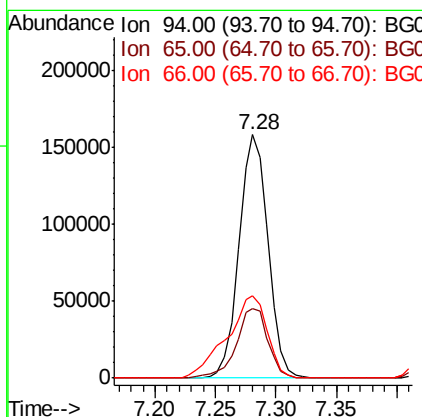
RT: 7.28 min Scan# 679

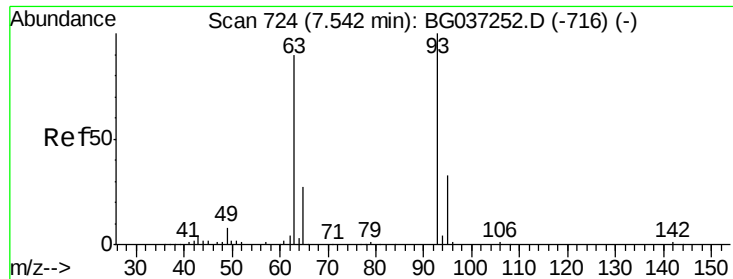
Delta R.T. -0.00 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.7	49.7
66	34.0	15.9	55.9





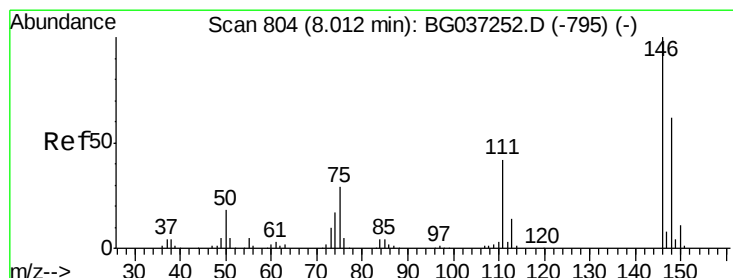
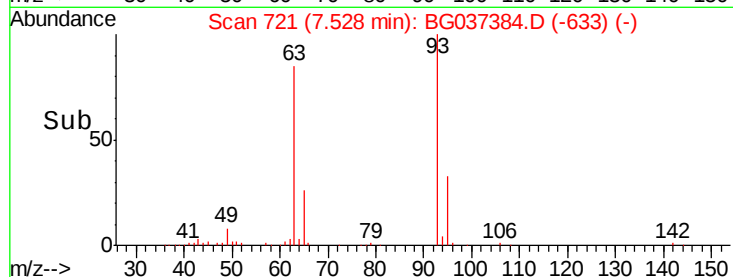
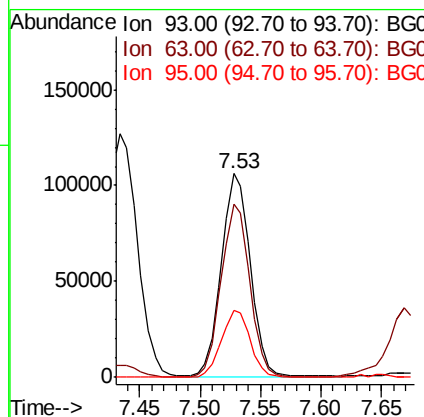
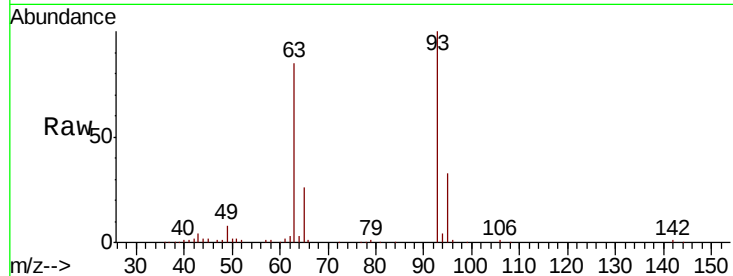
#11
bis(2-Chloroethyl)ether
Concen: 41.269 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.8	69.5	109.5
95	33.1	12.6	52.6

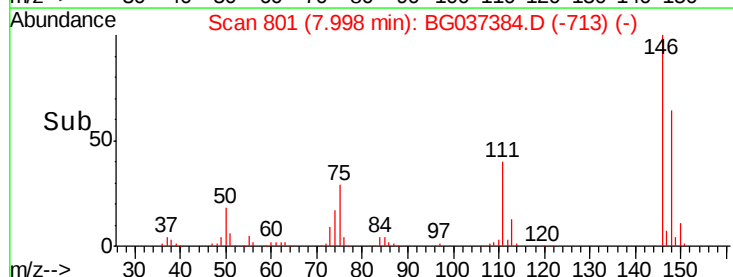
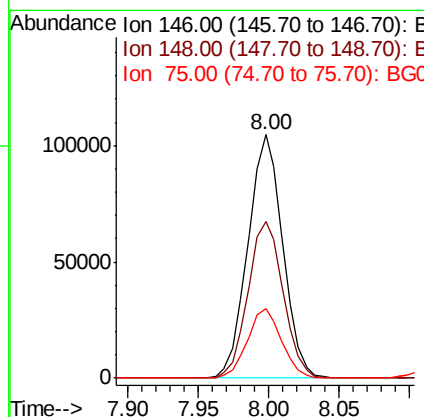
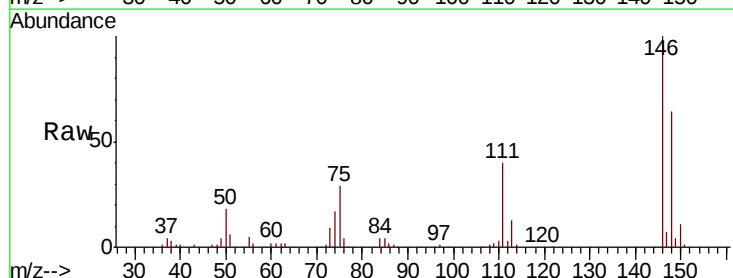
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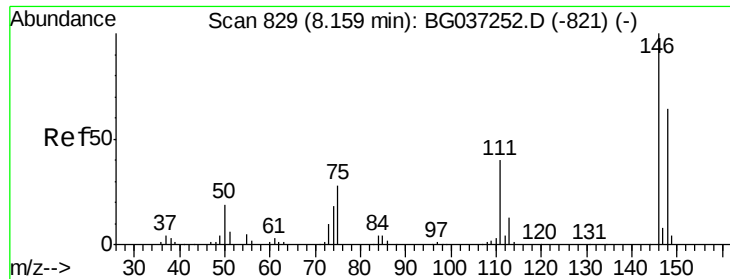
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.976 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.8	74.8
75	28.7	23.2	34.8





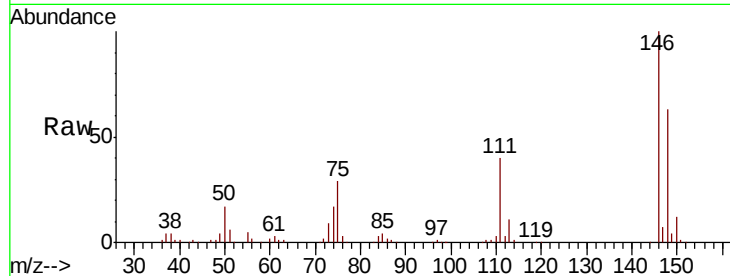
#13
 1,4-Dichlorobenzene
 Concen: 39.957 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleID :
 PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183164		
148	63.2	51.0	76.6	
111	39.9	32.4	48.6	

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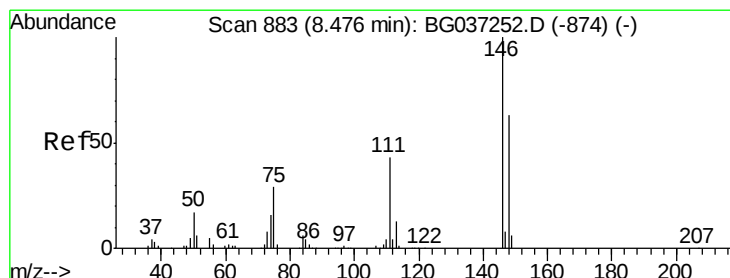
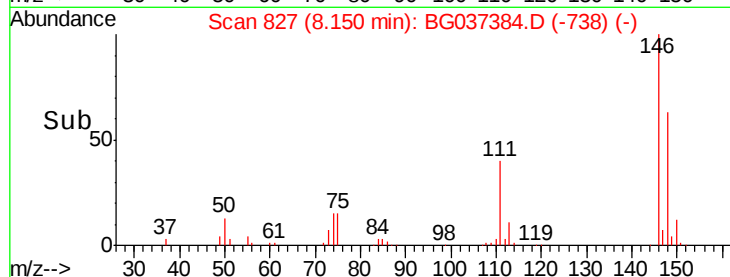
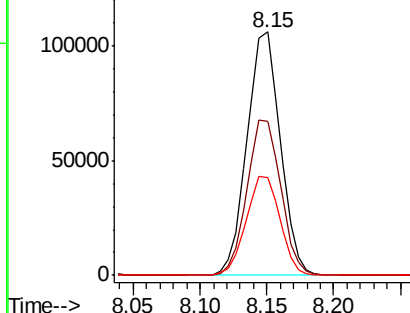


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.126 ng
 RT: 8.47 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

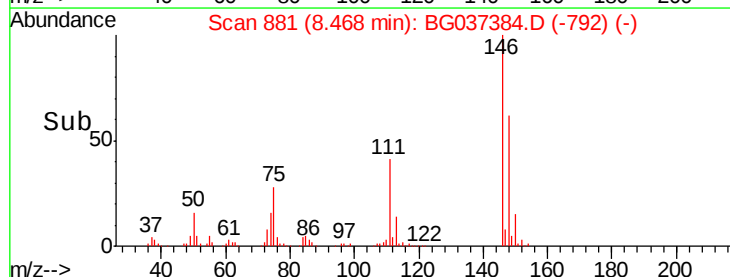
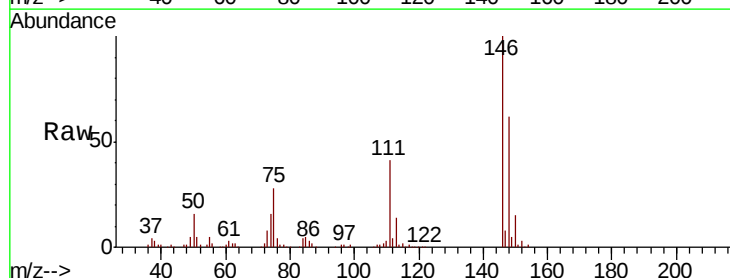
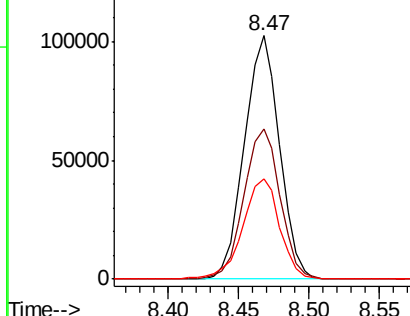
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	178241		
148	61.9	50.4	75.6	
111	41.0	34.6	51.8	

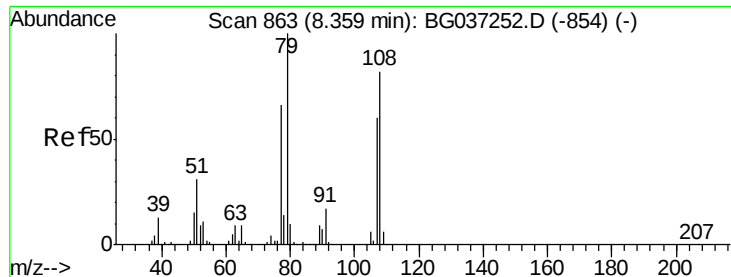
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.958 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

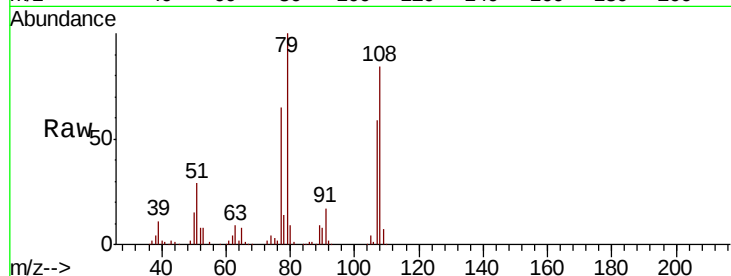
ClientSampled :

PB113496BS

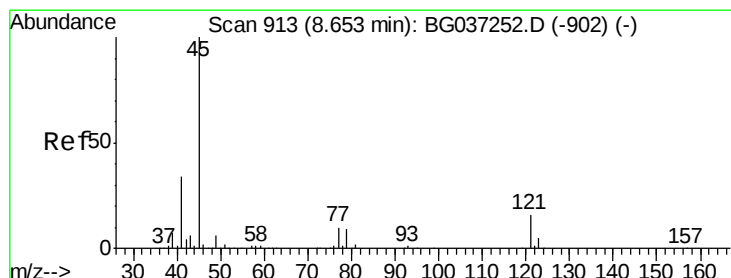
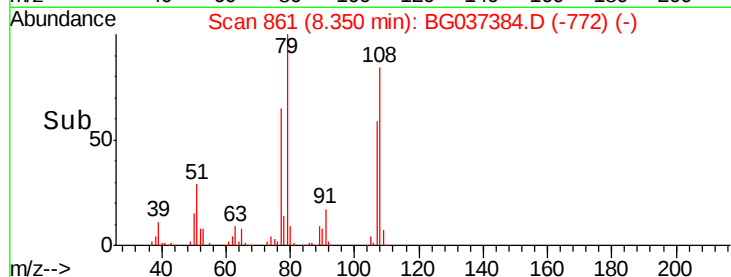
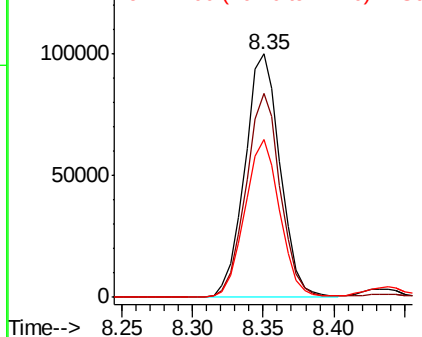
Tgt Ion:	79	Resp:	175654
Ion Ratio	Lower	Upper	
79	100		
108	83.5	65.8	98.8
77	64.9	52.9	79.3

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.465 ng

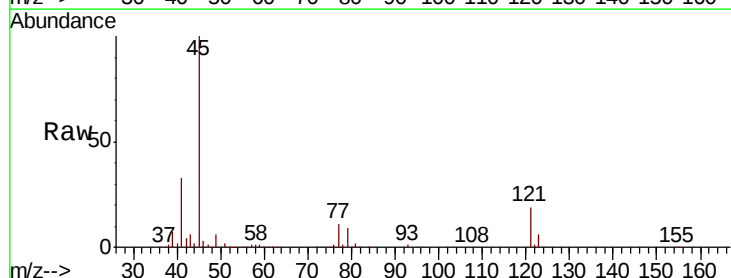
RT: 8.63 min Scan# 909

Delta R.T. -0.02 min

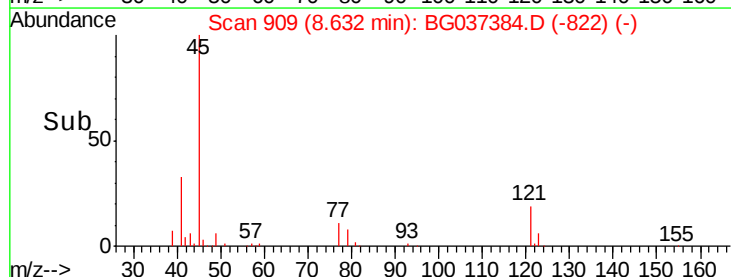
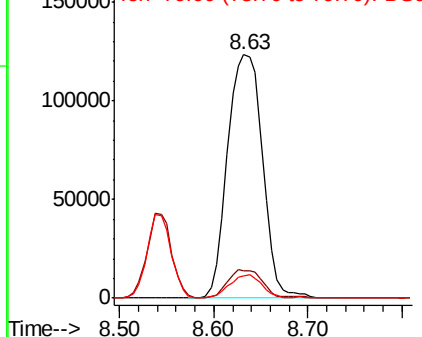
Lab File: BG037384.D

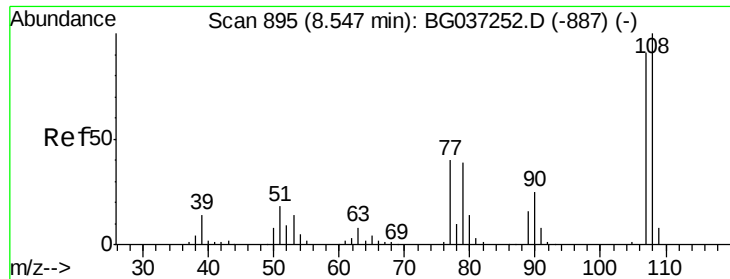
Acq: 17 Oct 2018 10:11

Tgt Ion:	45	Resp:	318314
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	9.0	0.0	29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





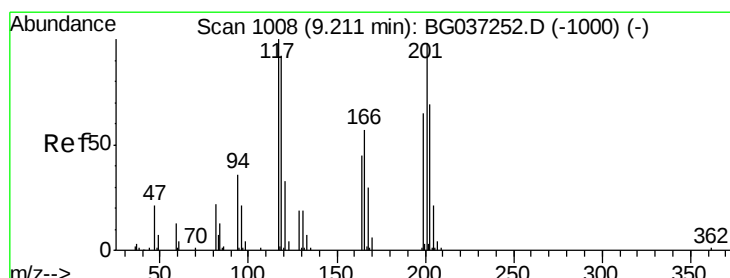
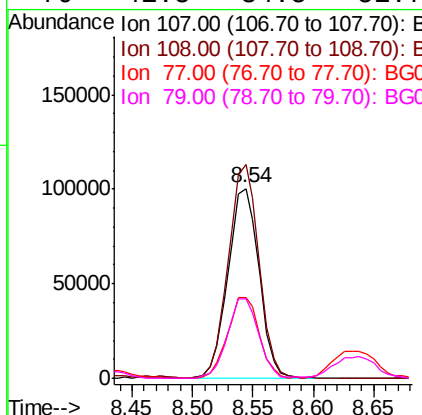
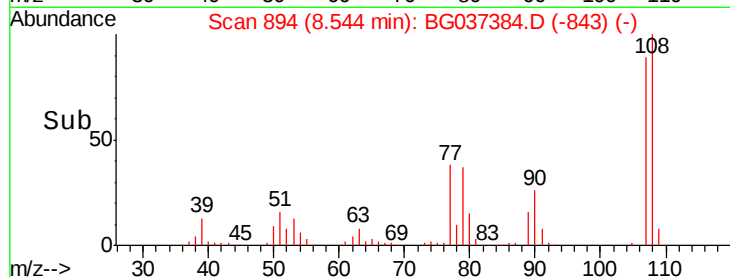
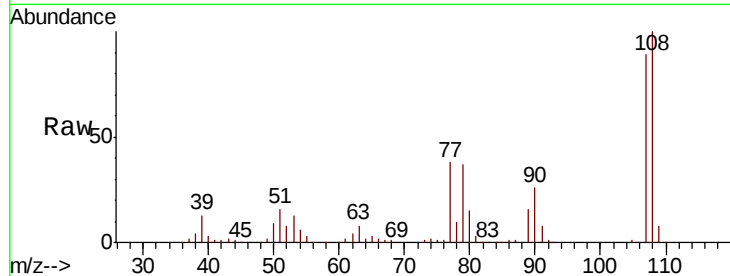
#17
2-Methylphenol
Concen: 51.260 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	180600		
108	112.4	87.9	131.9	
77	42.2	35.1	52.7	
79	41.5	34.5	51.7	

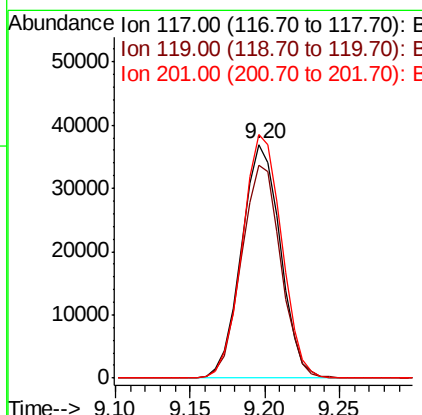
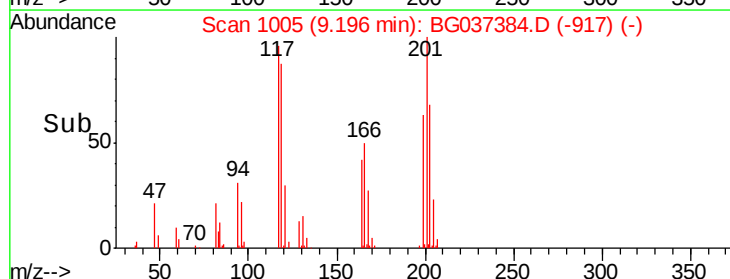
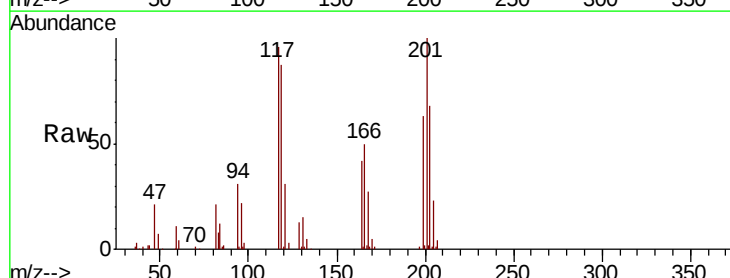
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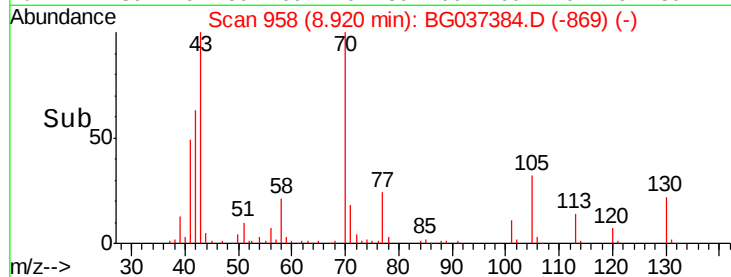
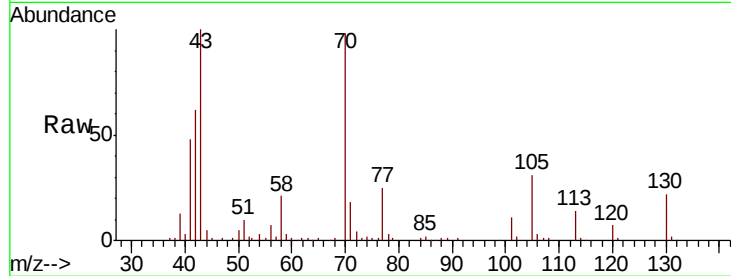
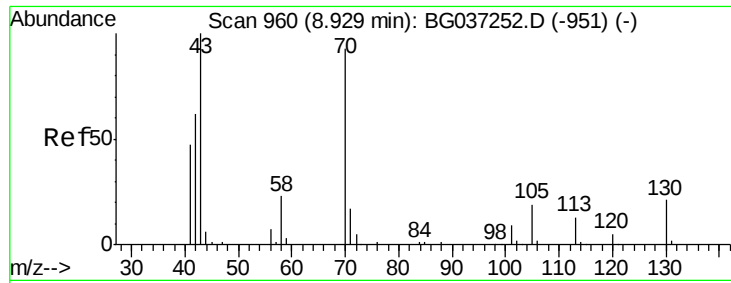
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#18
Hexachloroethane
Concen: 42.530 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66541		
119	90.8	74.6	111.8	
201	106.4	80.8	121.2	





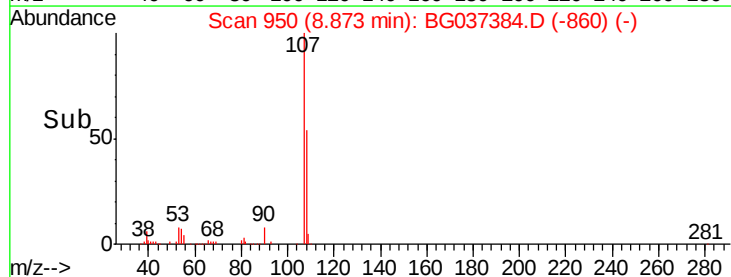
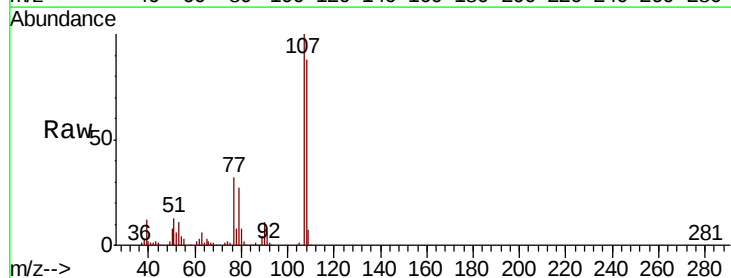
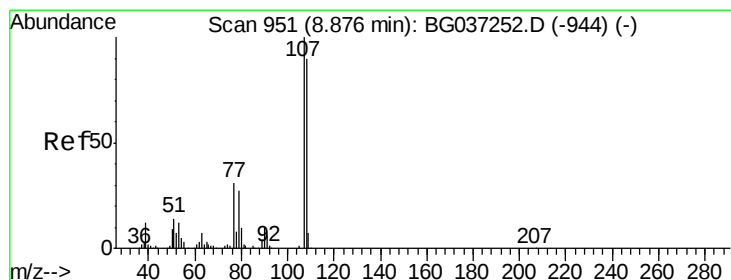
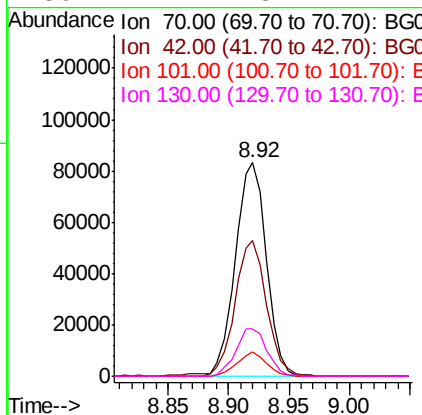
#19
n-Nitroso-di-n-propylamine
Concen: 39.378 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.3	53.9	80.9
101	11.2	8.2	12.2
130	22.4	18.2	27.4

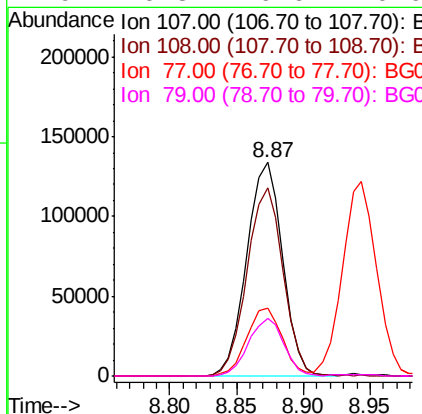
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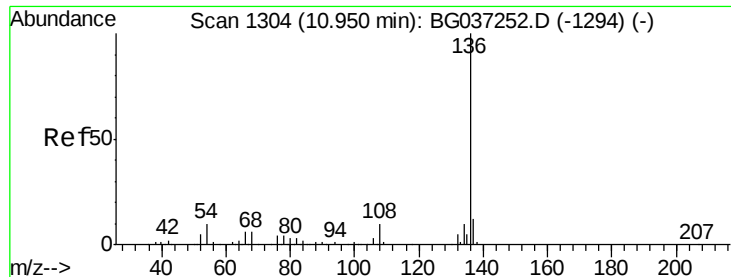
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#20
3+4-Methylphenols
Concen: 50.331 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.9	109.9
77	31.6	11.2	51.2
79	26.8	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG037384.D

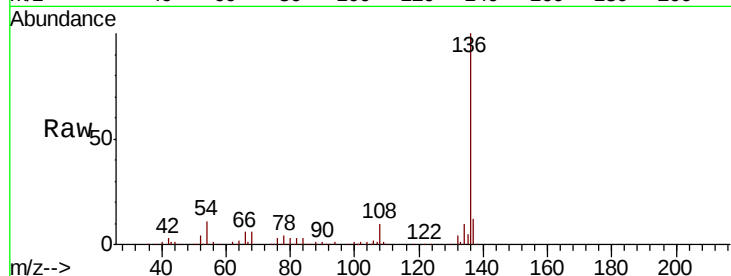
Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

ClientSampleId :

PB113496BS



Tgt Ion:136 Resp: 283391

Ion Ratio Lower Upper

136 100

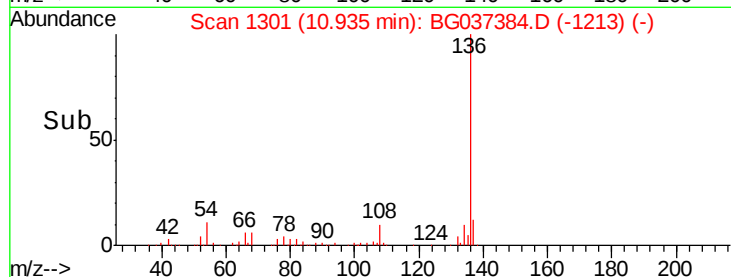
137 11.6 9.6 14.4

54 10.5 7.9 11.9

68 6.3 4.8 7.2

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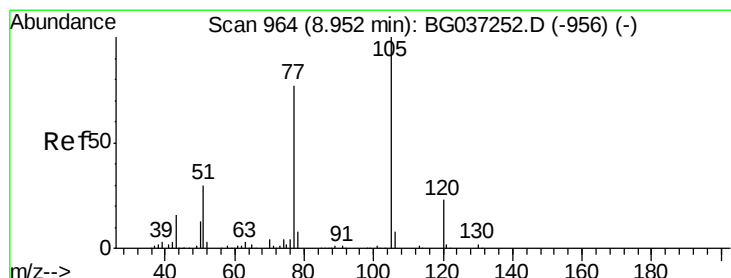
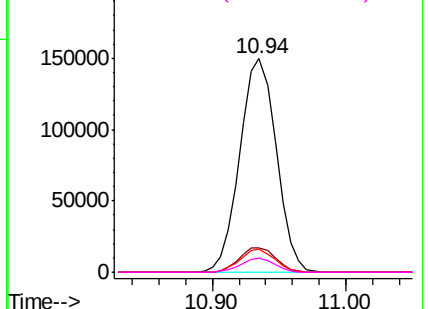


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.489 ng

RT: 8.94 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion:105 Resp: 282097

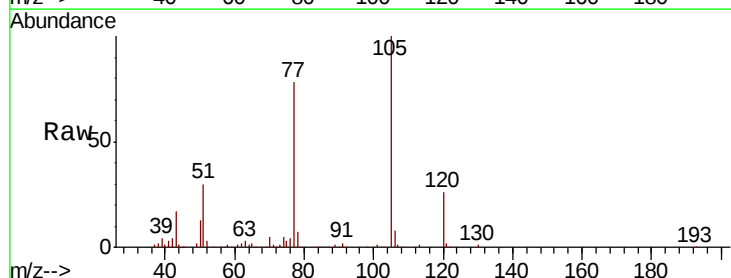
Ion Ratio Lower Upper

105 100

71 0.8 1.2 1.8#

51 30.0 25.0 37.6

120 25.6 18.6 28.0

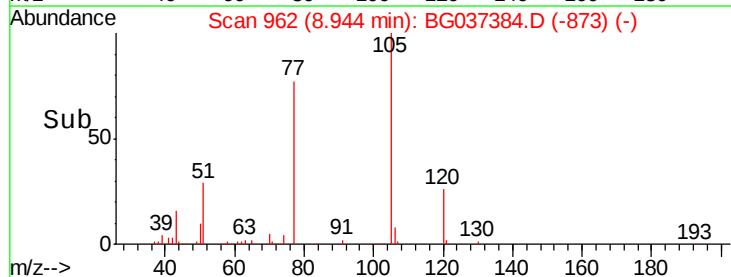
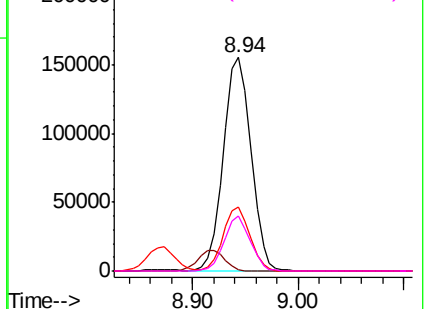


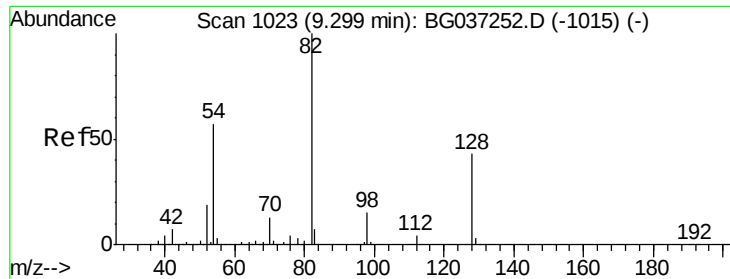
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





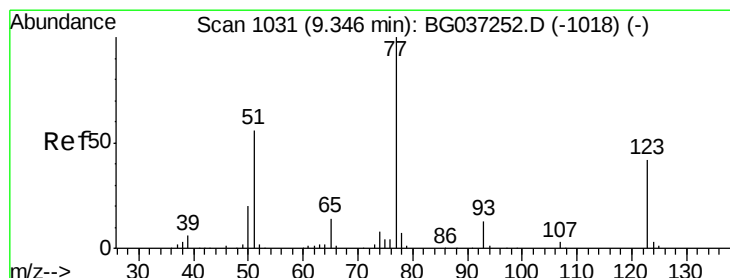
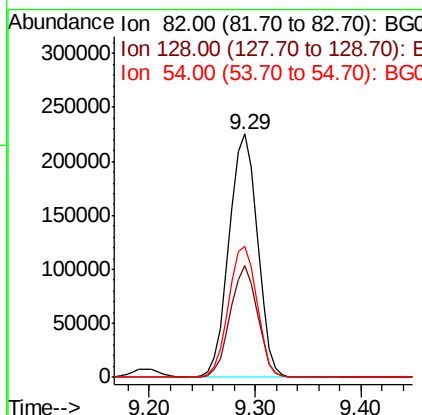
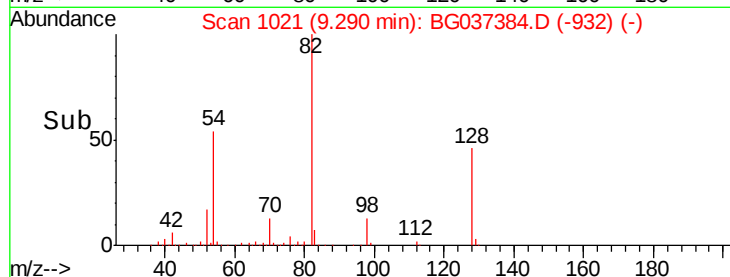
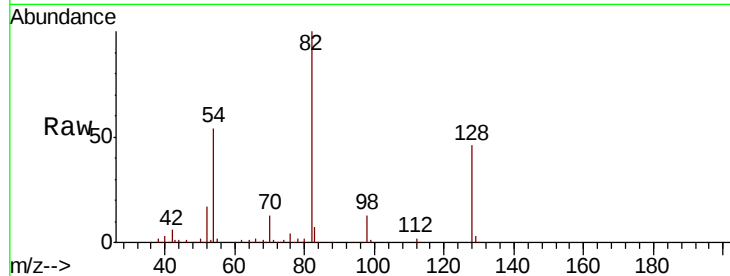
#23
 Nitrobenzene-d5
 Concen: 97.318 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	419485		
128	46.0	34.6	51.8	
54	53.7	45.3	67.9	

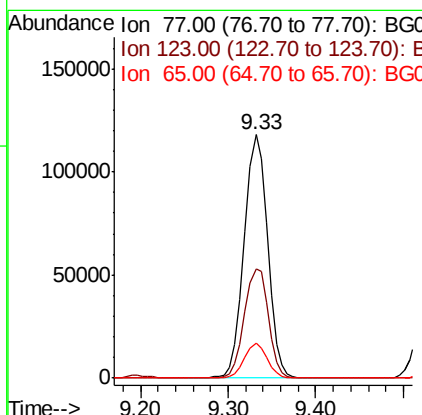
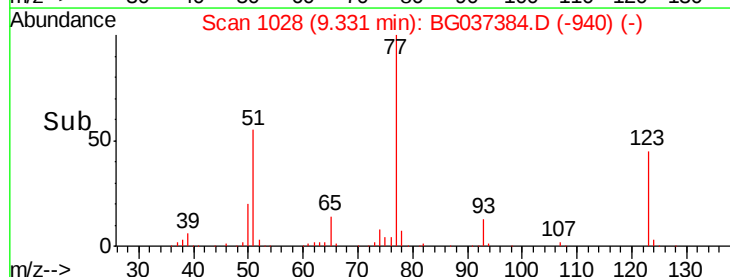
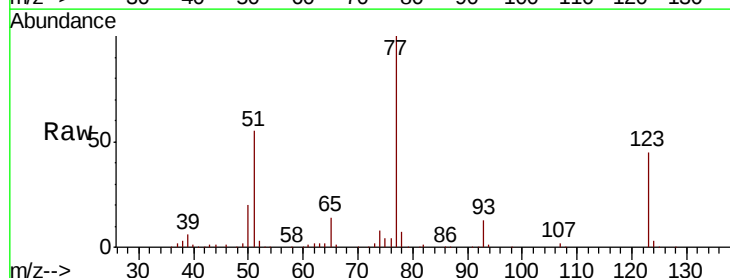
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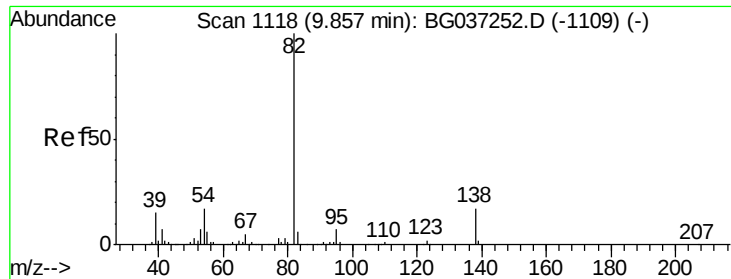
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#24
 Nitrobenzene
 Concen: 46.087 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	212779		
123	44.9	33.6	50.4	
65	14.2	11.3	16.9	





#25

Isophorone

Concen: 44.127 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

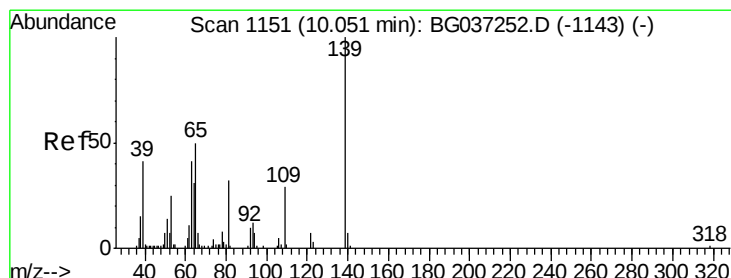
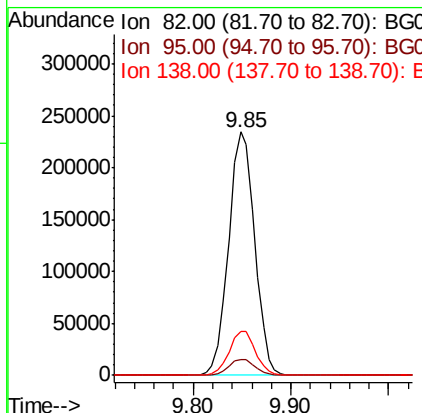
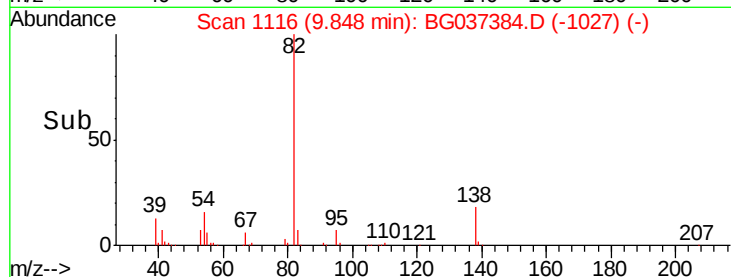
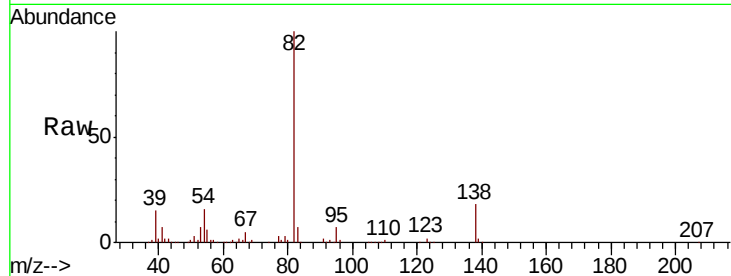
ClientSampleId :

PB113496BS

Tgt Ion:	82	Resp:	434218
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.3	13.3	19.9

Manual Integrations
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Sohil
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#26

2-Nitrophenol

Concen: 56.652 ng

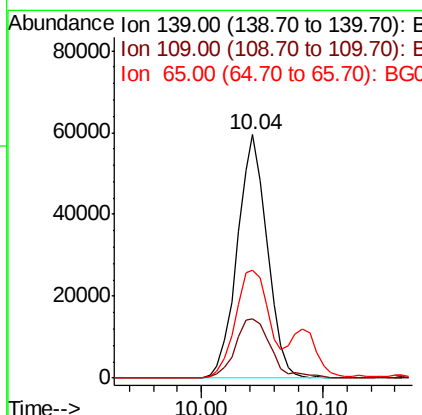
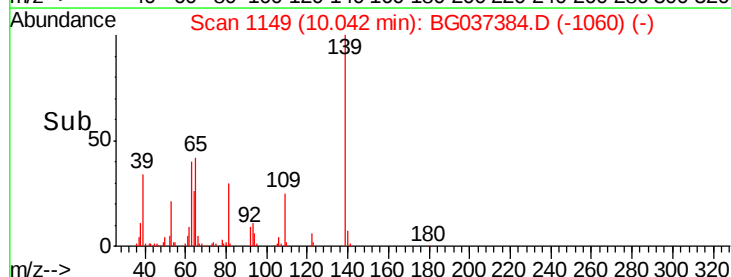
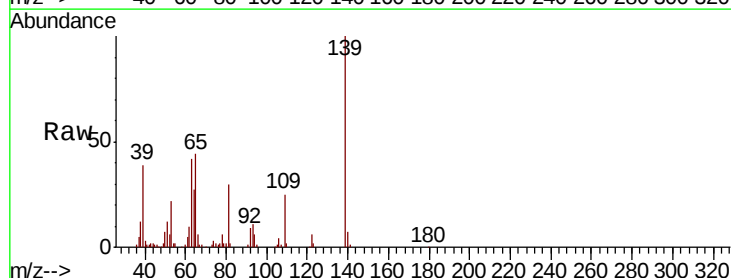
RT: 10.04 min Scan# 1149

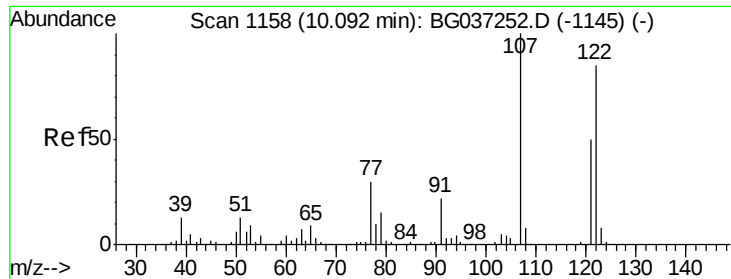
Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion:	139	Resp:	102479
Ion Ratio	Lower	Upper	
139	100		
109	24.5	23.3	34.9
65	44.3	39.8	59.8





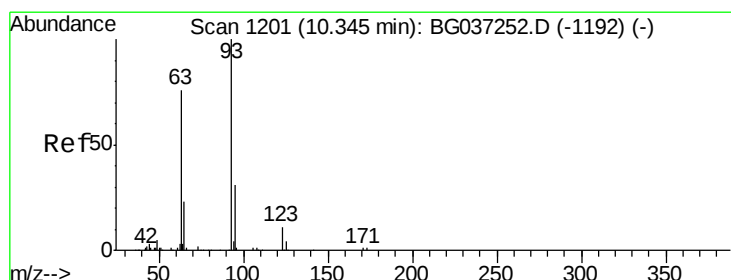
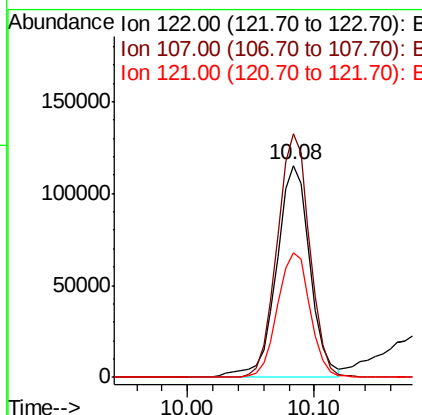
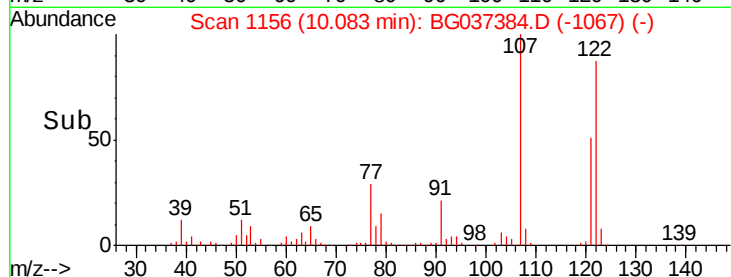
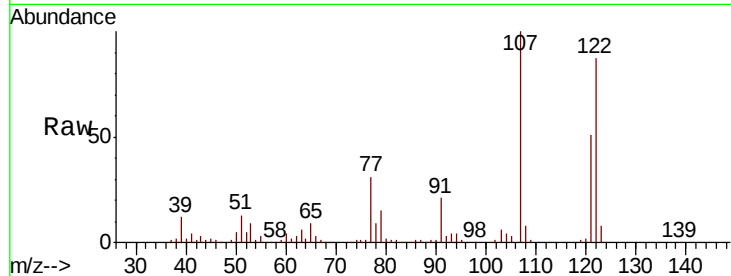
#27
2,4-Dimethylphenol
Concen: 51.421 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	211493		
107	115.0	94.2	141.2	
121	58.9	47.3	70.9	

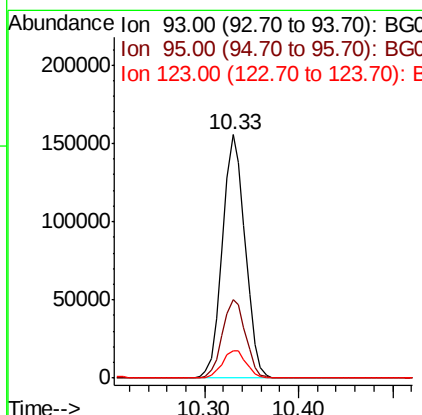
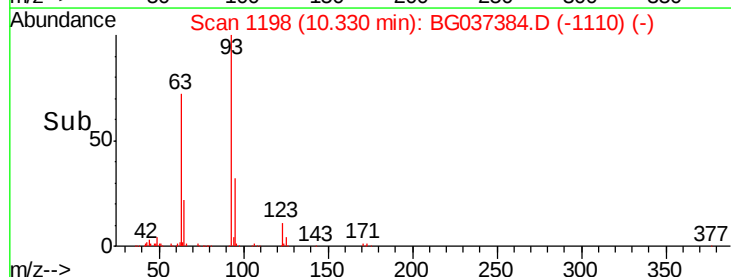
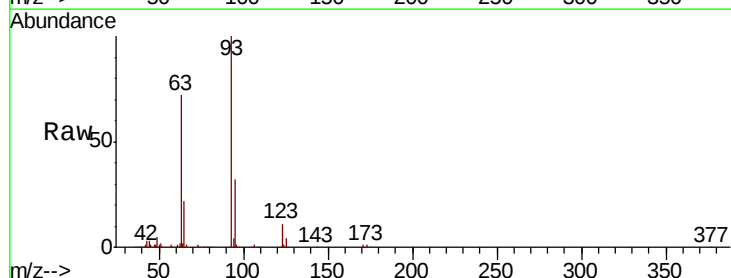
Manual Integrations
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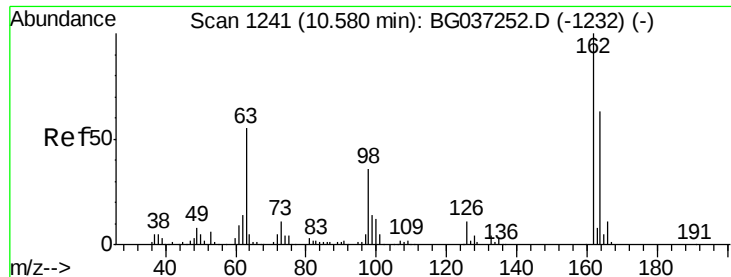
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#28
bis(2-Chloroethoxy)methane
Concen: 42.608 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	262310		
95	32.2	24.6	37.0	
123	11.1	9.1	13.7	





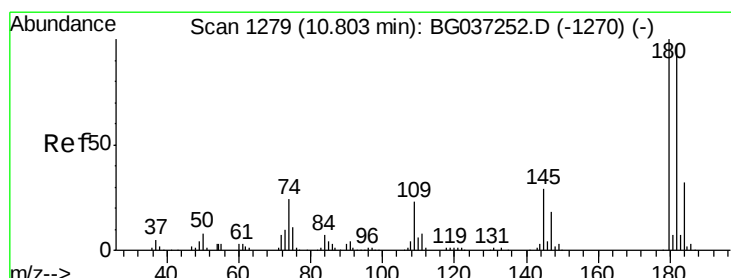
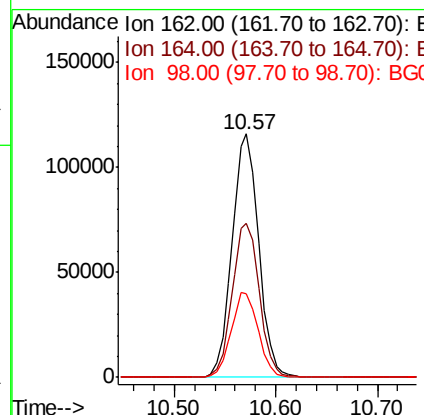
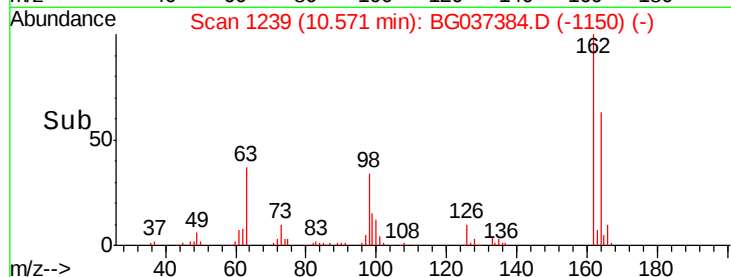
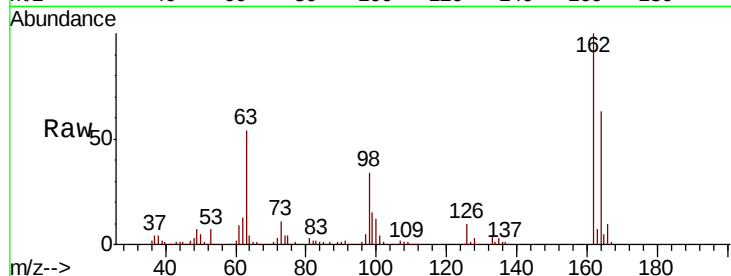
#29
2,4-Dichlorophenol
Concen: 50.567 ng
RT: 10.57 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	211123		
164	63.1	43.2	83.2	
98	34.4	16.0	56.0	

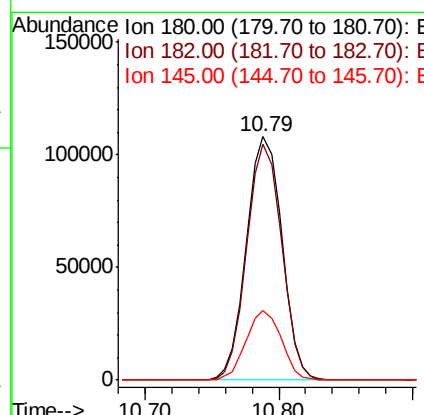
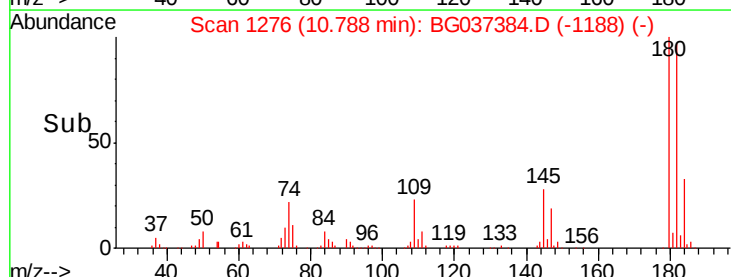
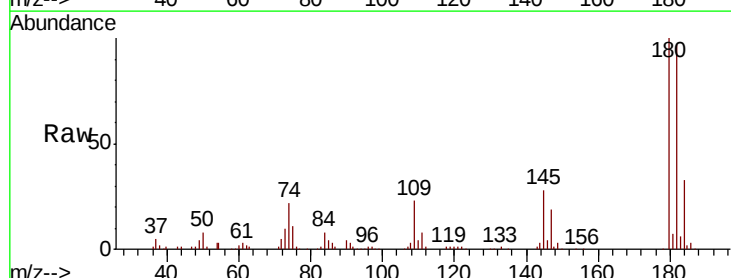
Manual Integrations
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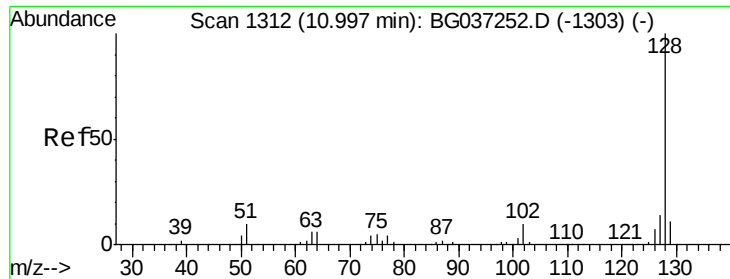
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#30
1,2,4-Trichlorobenzene
Concen: 39.159 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	198952		
182	97.0	77.7	116.5	
145	28.4	23.3	34.9	





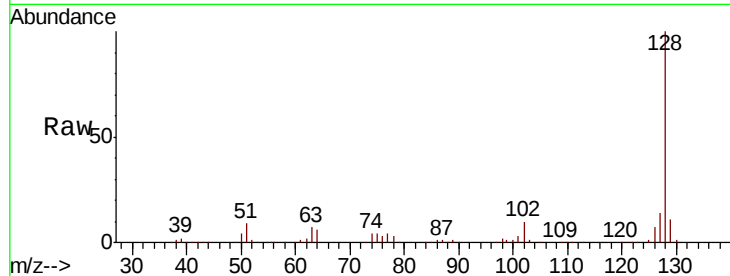
#31
Naphthalene
Concen: 43.261 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	595821		
129	11.4	9.0	13.6	
127	13.8	11.1	16.7	

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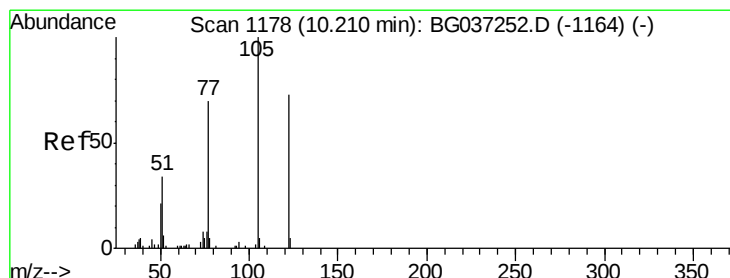
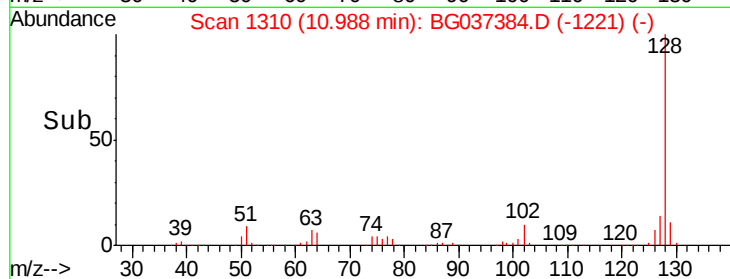
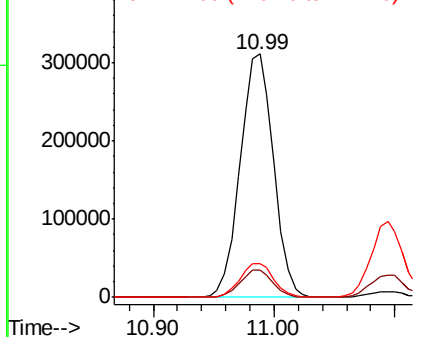


Abundance

Ion 128.00 (127.70 to 128.70): E

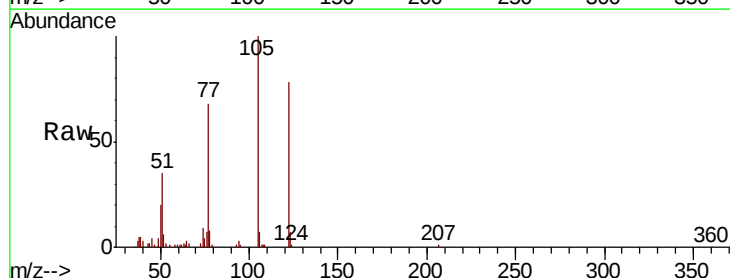
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.546 ng m
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	101167		
105	127.8	106.7	146.7	
77	87.4	72.2	112.2	

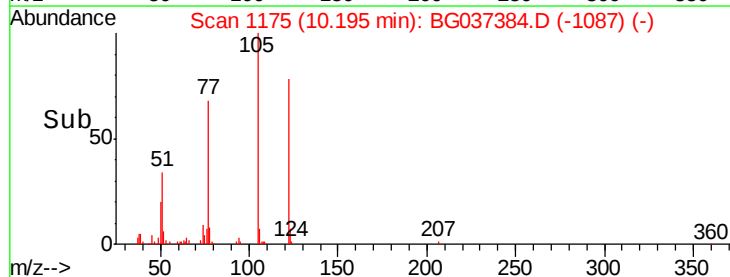
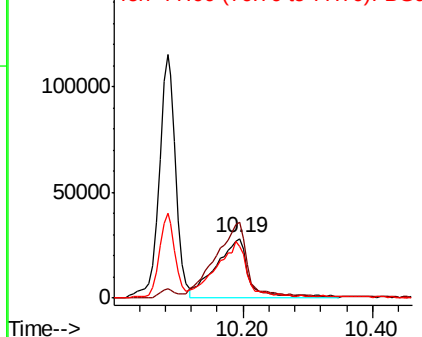


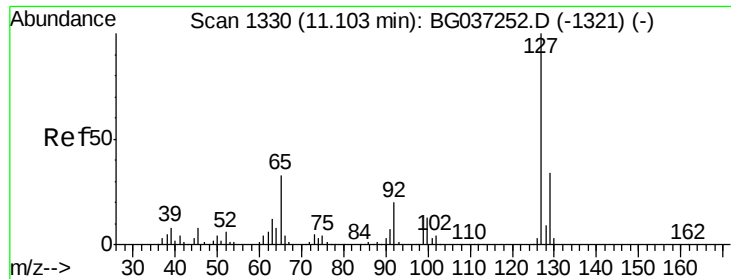
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





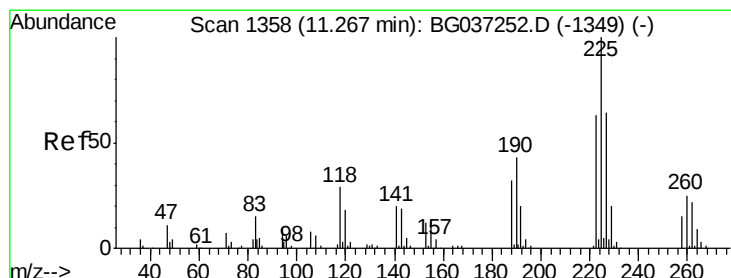
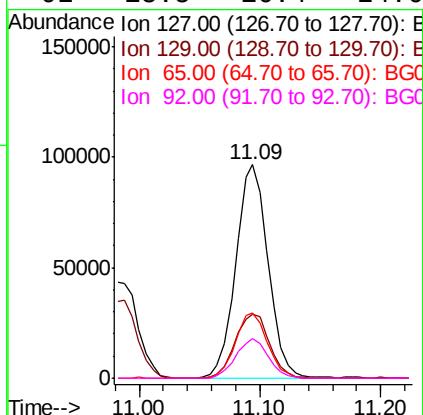
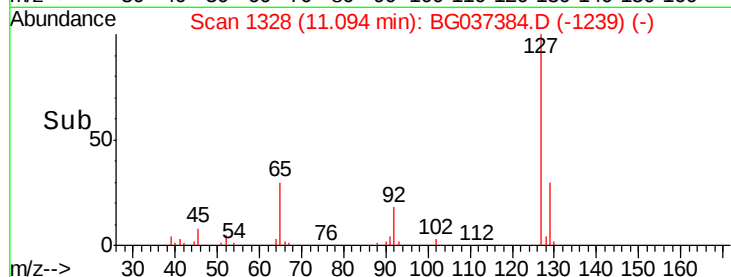
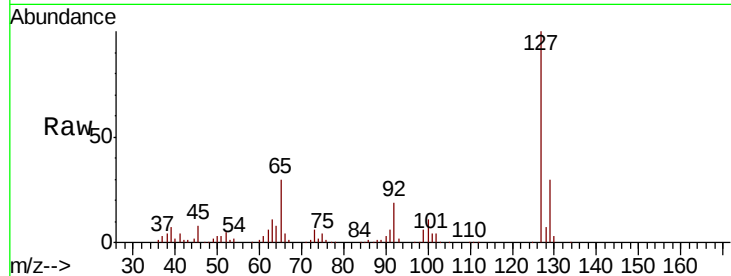
#33
4-Chloroaniline
Concen: 27.797 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	179590		
129	29.7	27.1	40.7	
65	30.5	26.6	39.8	
92	18.5	16.4	24.6	

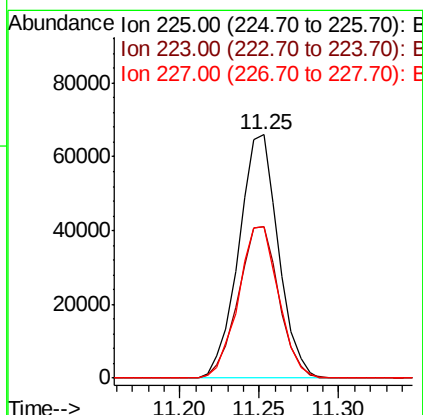
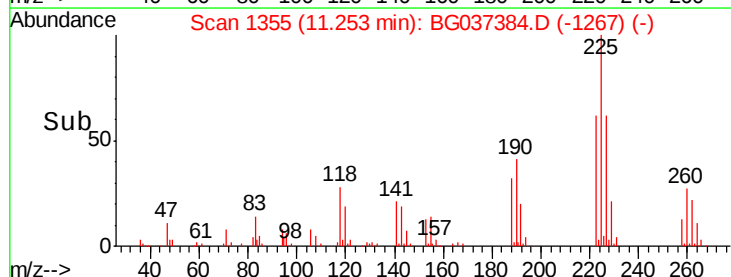
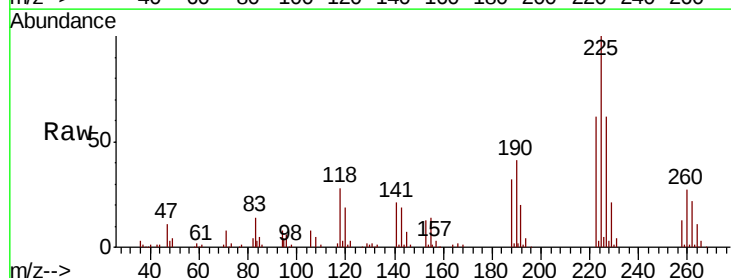
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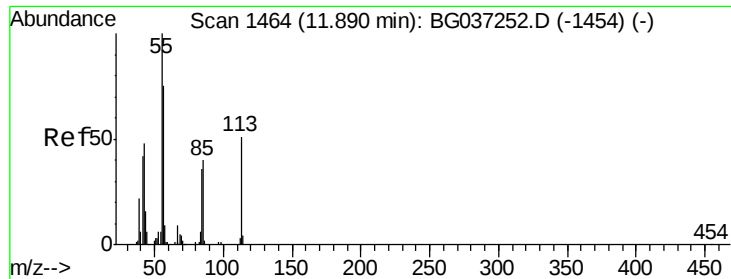
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#34
Hexachlorobutadiene
Concen: 36.197 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114203		
223	58.8	48.2	72.4	
227	61.5	51.6	77.4	





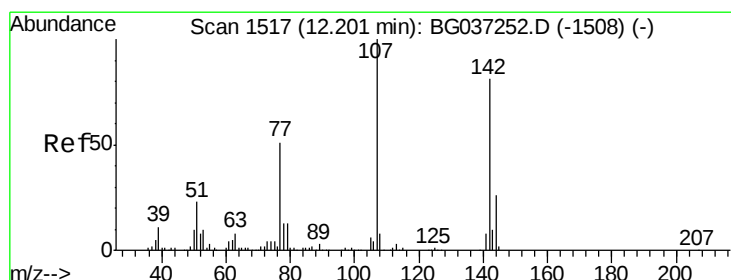
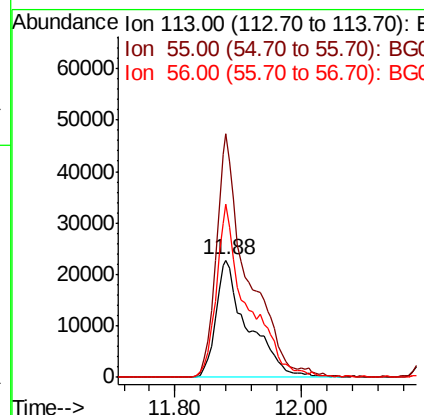
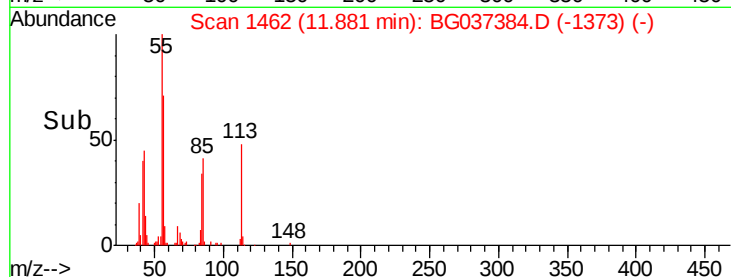
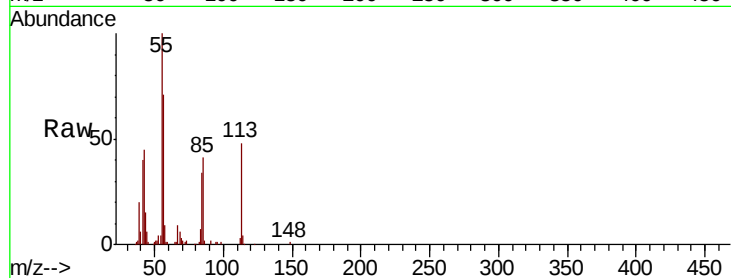
#35
 Caprolactam
 Concen: 47.598 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion: 113 Resp: 81016
 Ion Ratio Lower Upper
 113 100
 55 208.2 176.6 216.6
 56 147.8 128.3 168.3

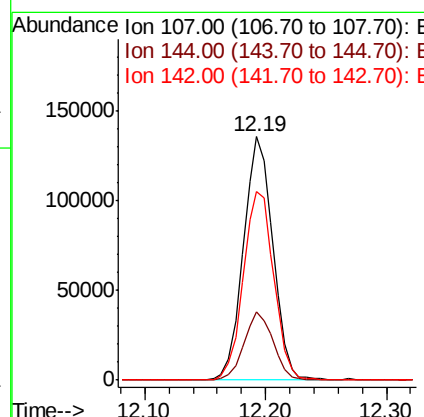
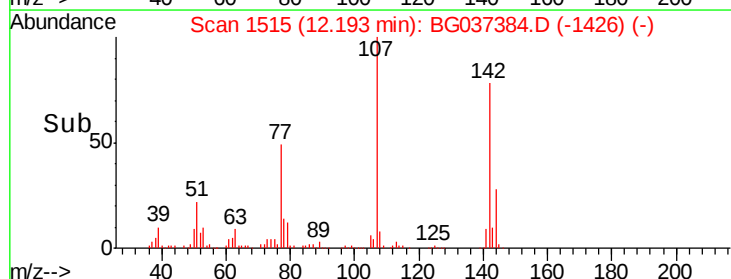
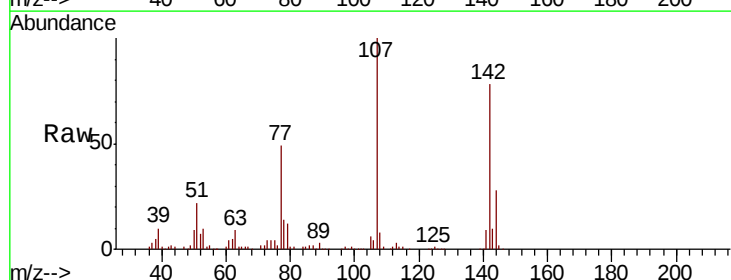
Manual Integrations
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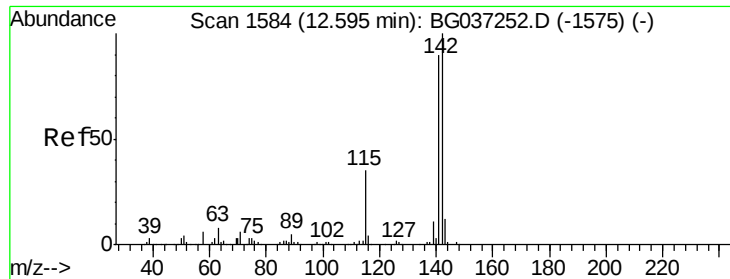
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#36
 4-Chloro-3-methylphenol
 Concen: 46.856 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion: 107 Resp: 231039
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.7 31.1
 142 77.6 64.4 96.6





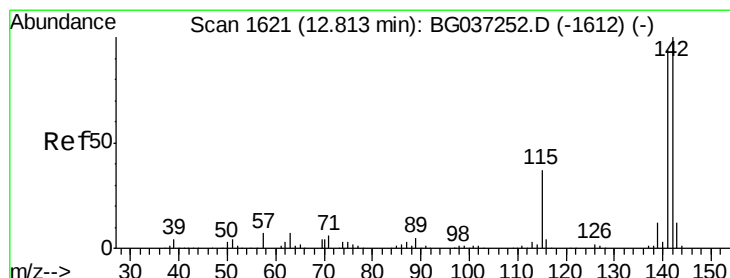
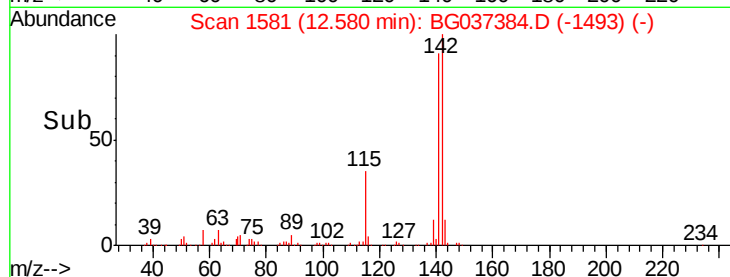
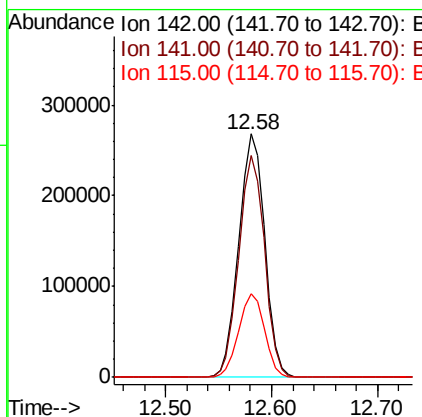
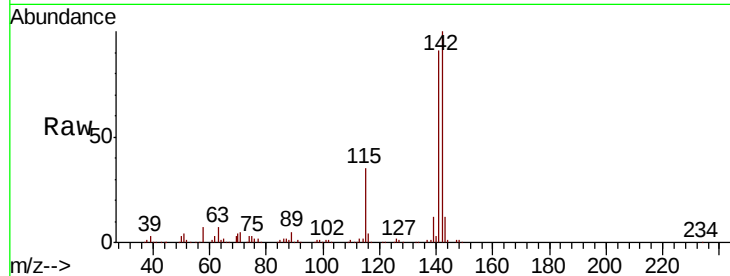
#37
2-Methylnaphthalene
Concen: 45.311 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	455425		
141	91.1	71.9	107.9	
115	34.5	27.8	41.8	

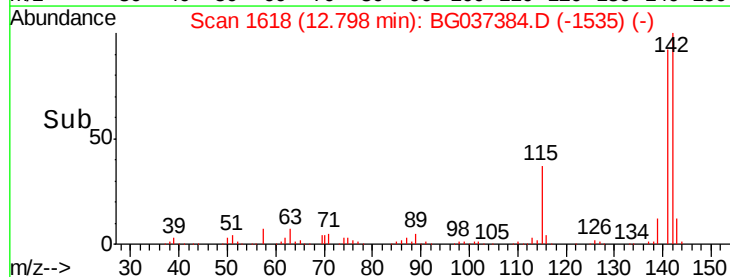
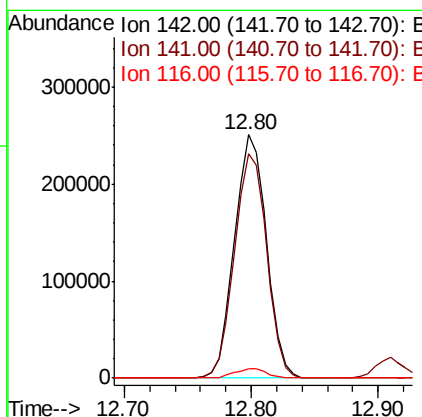
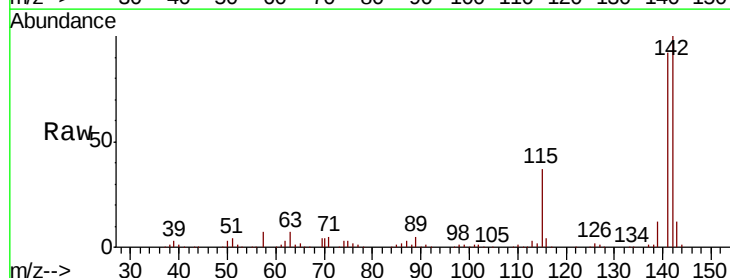
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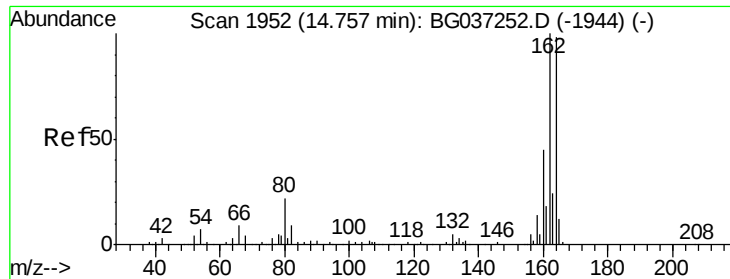
Sohil
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#38
1-Methylnaphthalene
Concen: 44.566 ng
RT: 12.80 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	437487		
141	92.4	75.2	112.8	
116	4.0	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

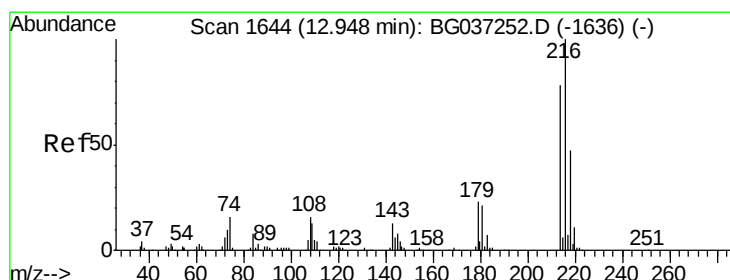
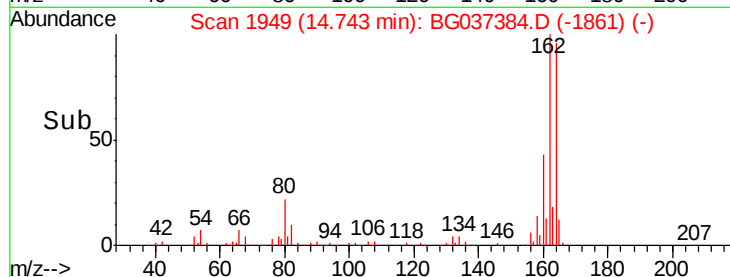
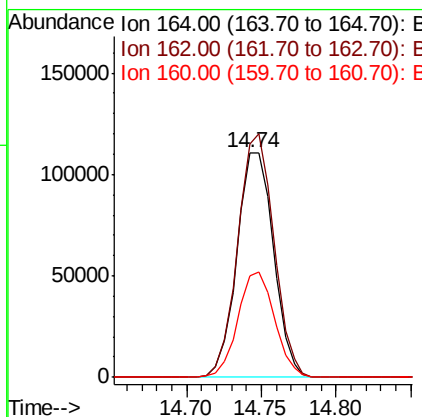
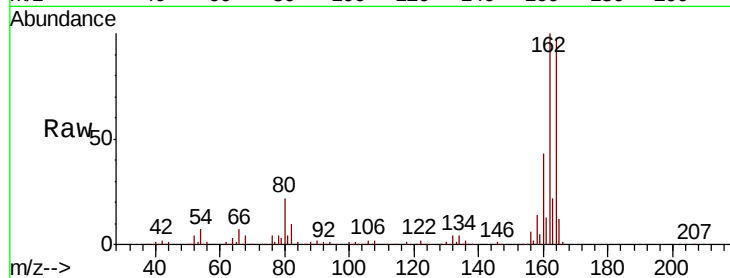
ClientSampleId :

PB113496BS

Tgt Ion:	164	Resp:	189169
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.3	121.9
160	44.9	36.3	54.5

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.432 ng

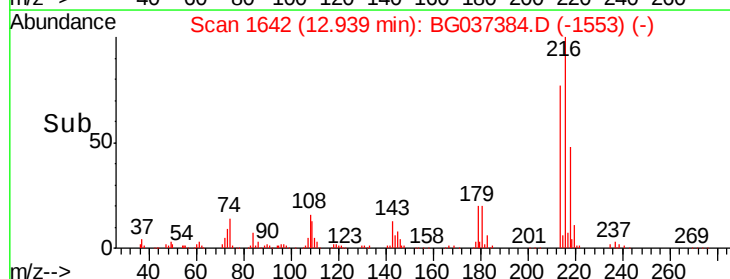
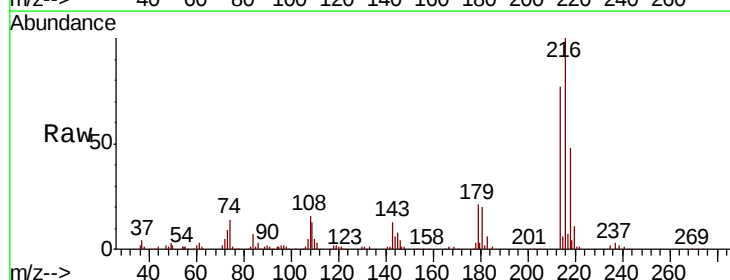
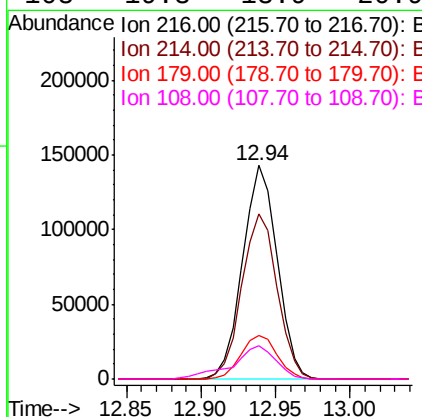
RT: 12.94 min Scan# 1642

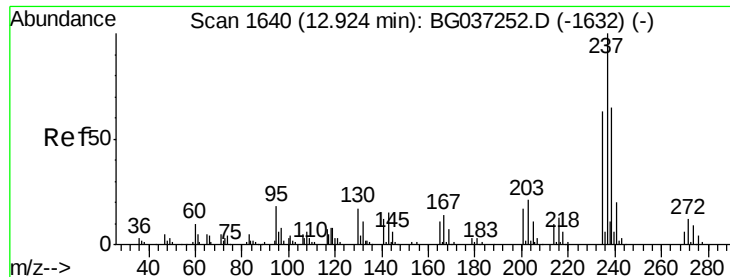
Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion:	216	Resp:	229313
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.8	95.6
179	21.4	17.4	26.0
108	19.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 108.854 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

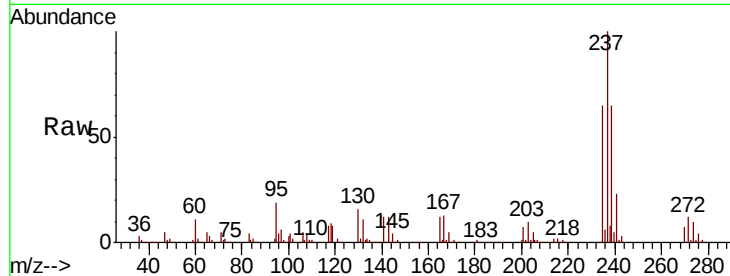
ClientSampleId :

PB113496BS

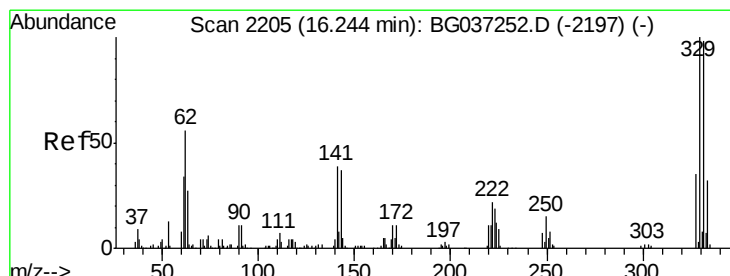
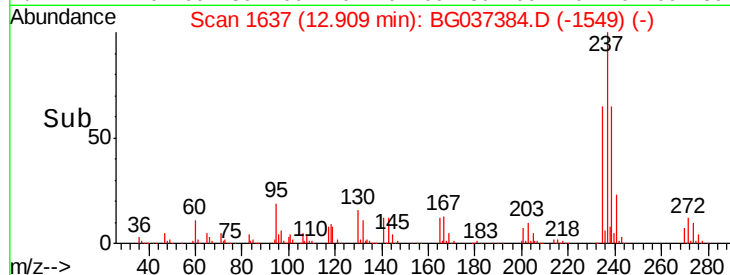
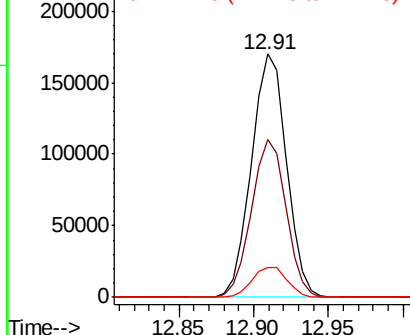
Tgt Ion:	237	Resp:	274909
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.5	82.5
272	12.5	0.0	31.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 150.067 ng

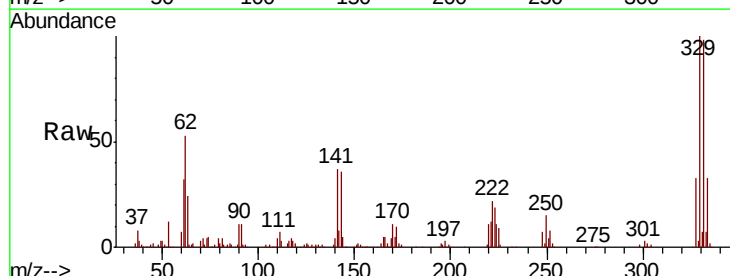
RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

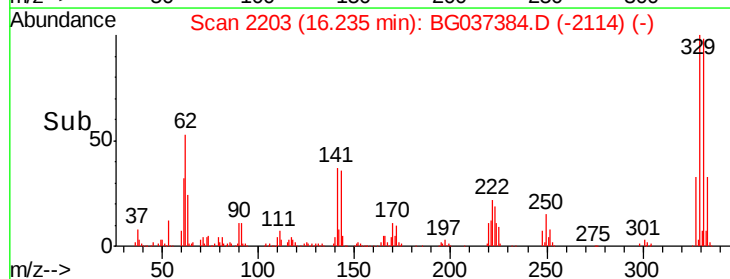
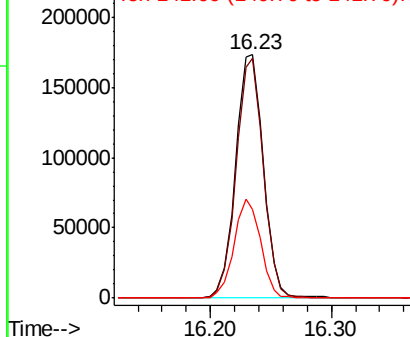
Lab File: BG037384.D

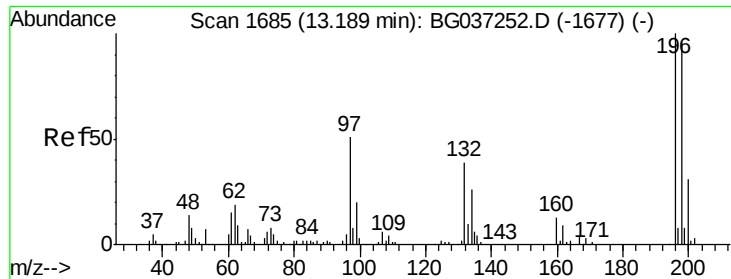
Acq: 17 Oct 2018 10:11

Tgt Ion:	330	Resp:	278407
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.4	117.6
141	39.0	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





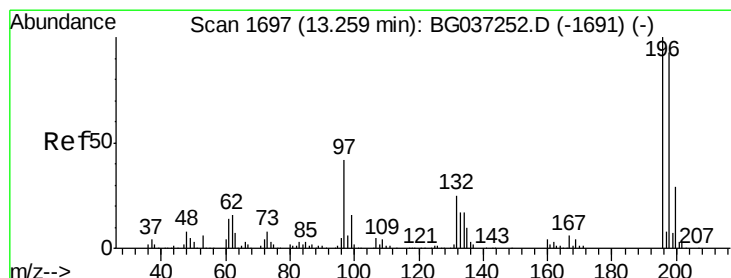
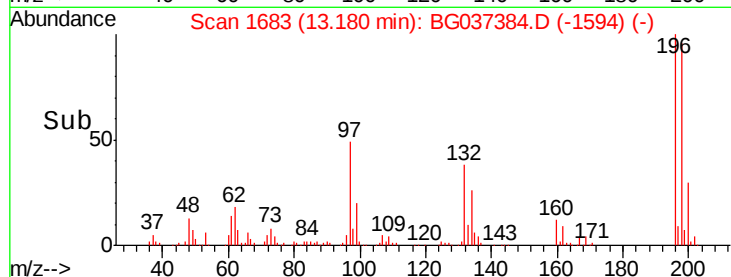
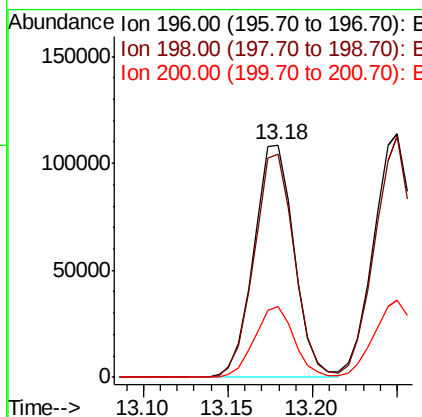
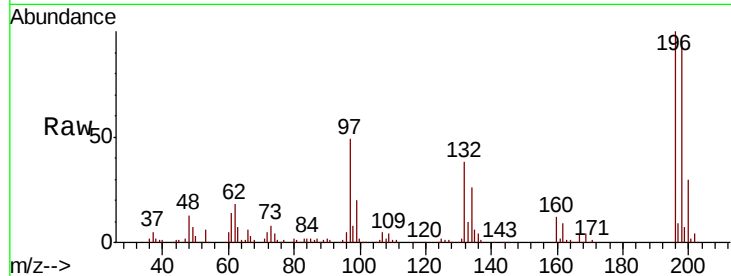
#43
 2,4,6-Trichlorophenol
 Concen: 50.755 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180376		
198	95.8	76.4	114.6	
200	30.4	24.9	37.3	

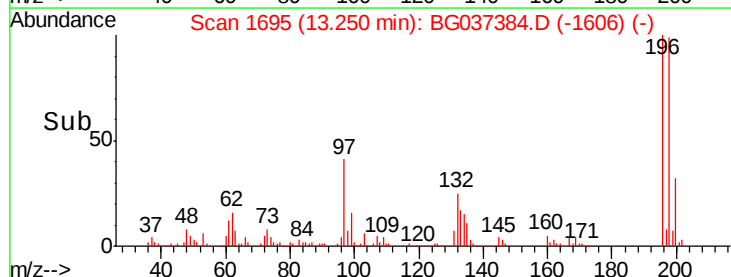
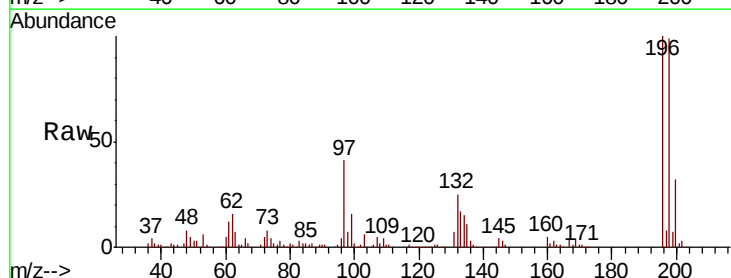
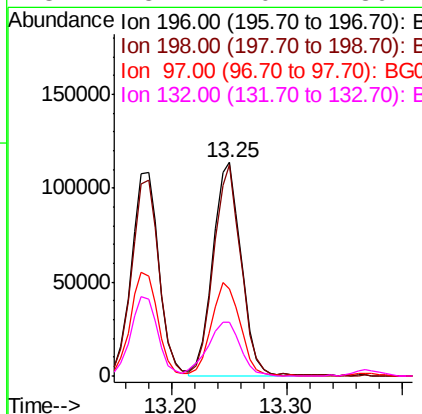
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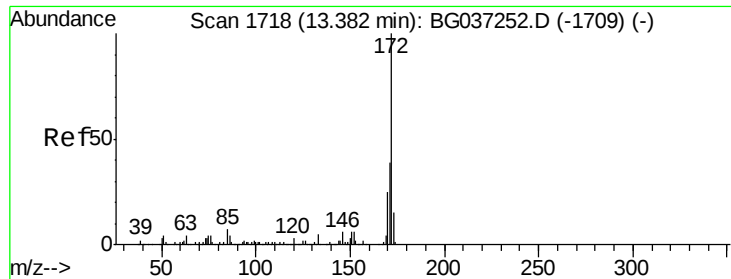
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 50.704 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193875		
198	98.8	74.2	111.2	
97	40.8	34.1	51.1	
132	25.4	20.2	30.4	





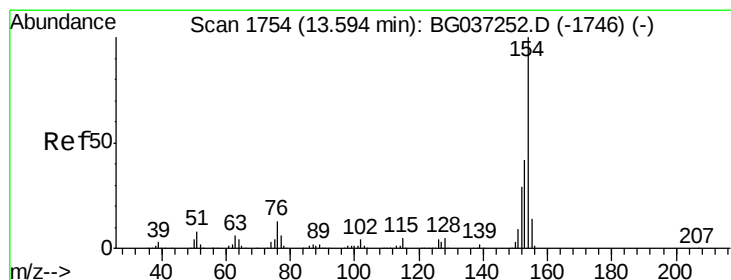
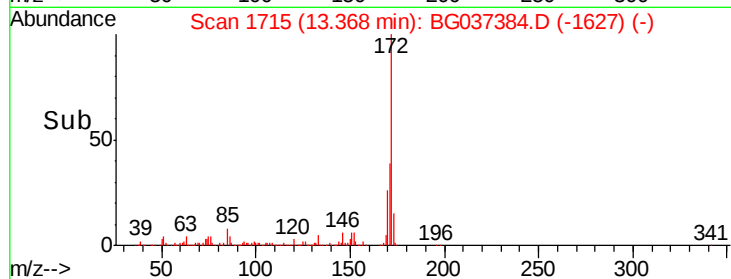
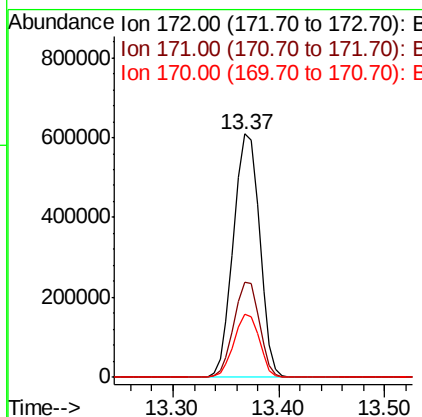
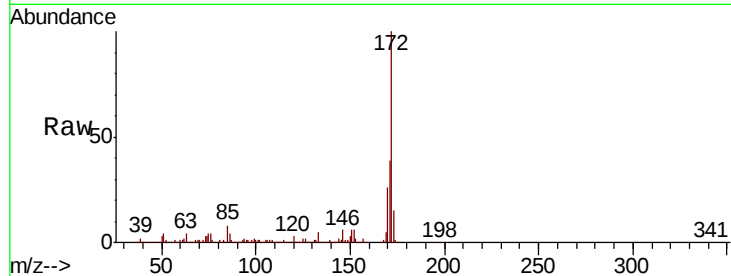
#45
 2-Fluorobiphenyl
 Concen: 82.916 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	26.1	20.2	30.2

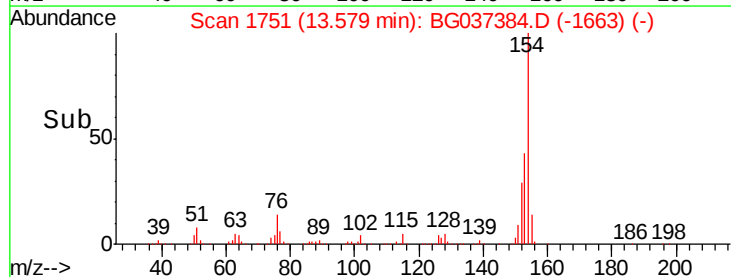
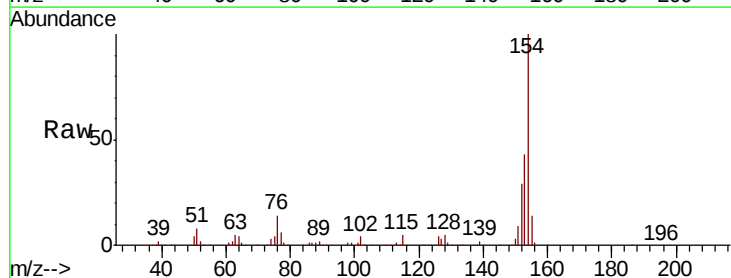
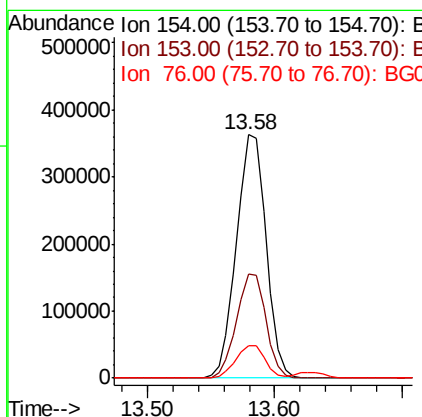
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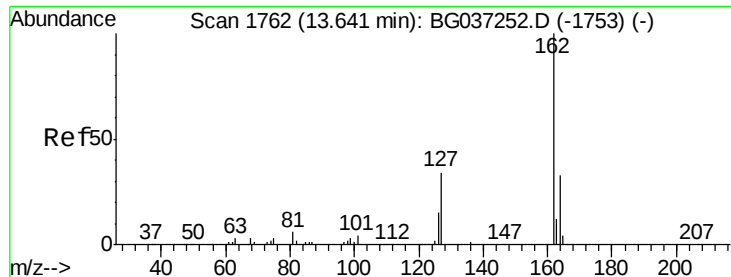
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#46
 1,1'-Biphenyl
 Concen: 37.784 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	13.5	0.0	33.2





#47

2-Chloronaphthalene

Concen: 39.708 ng

RT: 13.63 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

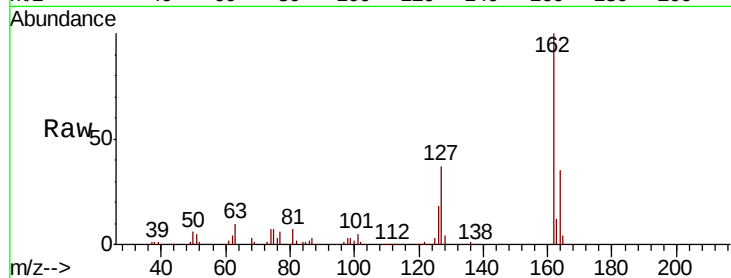
ClientSampled :

PB113496BS

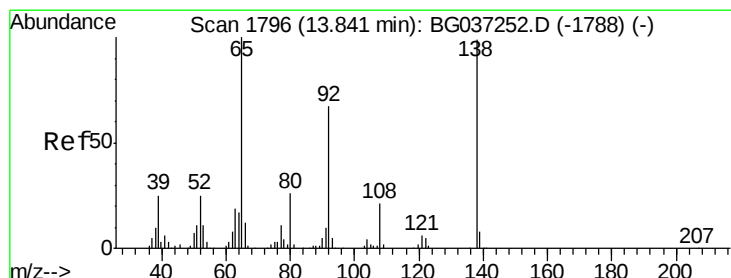
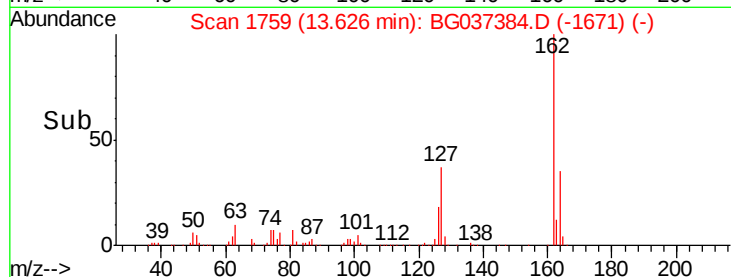
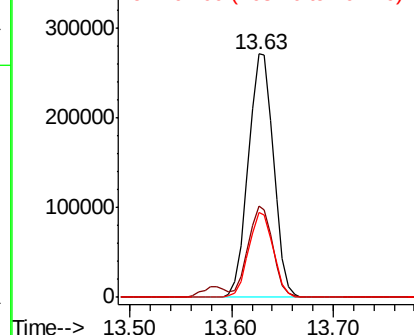
Tgt Ion:	162	Resp:	466734
Ion Ratio	Lower	Upper	
162	100		
127	37.4	30.5	45.7
164	34.7	26.4	39.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.597 ng

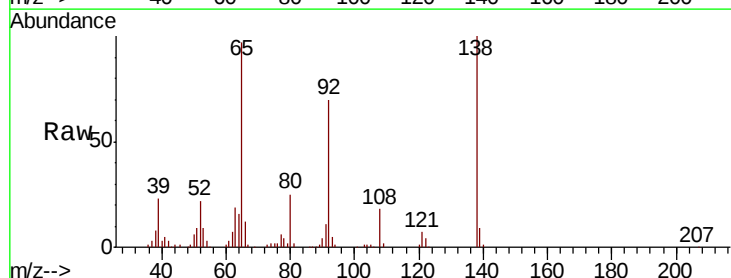
RT: 13.83 min Scan# 1794

Delta R.T. -0.01 min

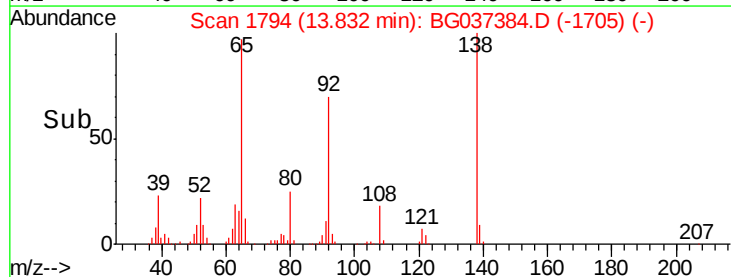
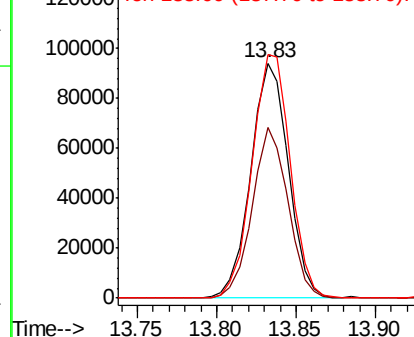
Lab File: BG037384.D

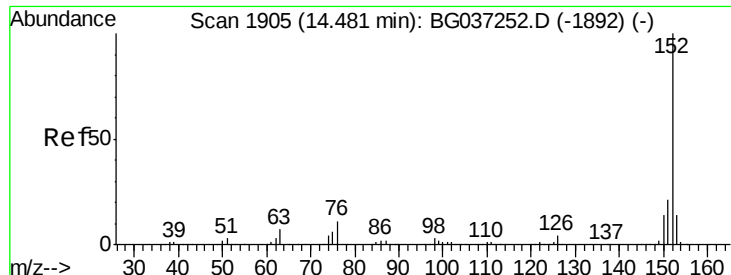
Acq: 17 Oct 2018 10:11

Tgt Ion:	65	Resp:	155027
Ion Ratio	Lower	Upper	
65	100		
92	72.6	53.2	79.8
138	103.6	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.437 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

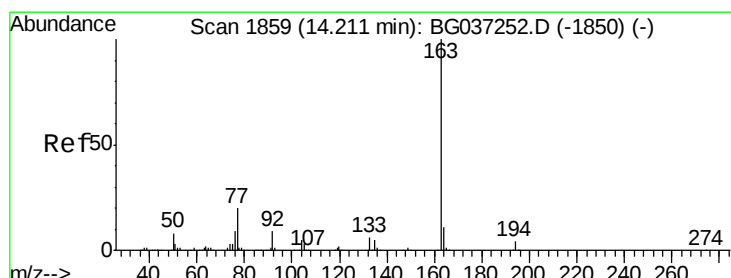
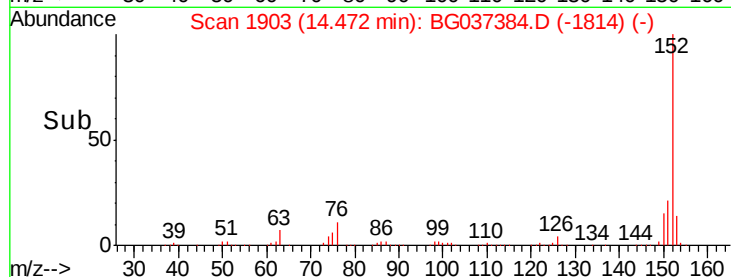
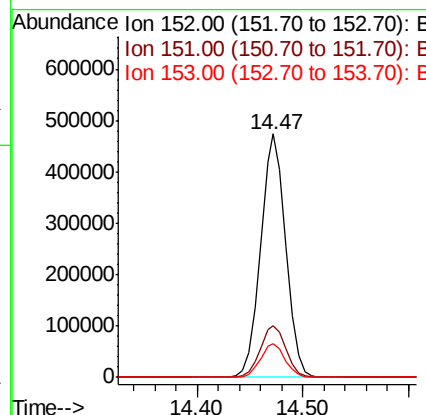
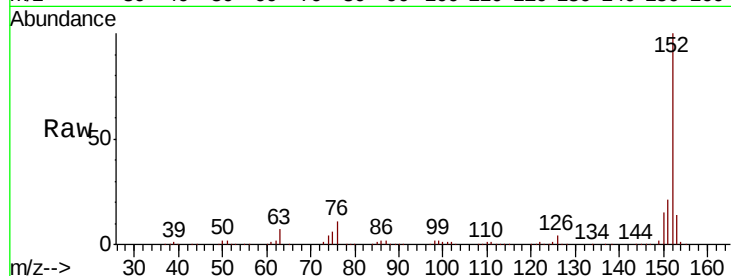
ClientSampleId :

PB113496BS

Tgt	Ion	152	Resp:	781039
	Ion	Ratio	Lower	Upper
	152	100		
	151	21.5	17.1	25.7
	153	14.0	11.1	16.7

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#50

Dimethylphthalate

Concen: 42.421 ng

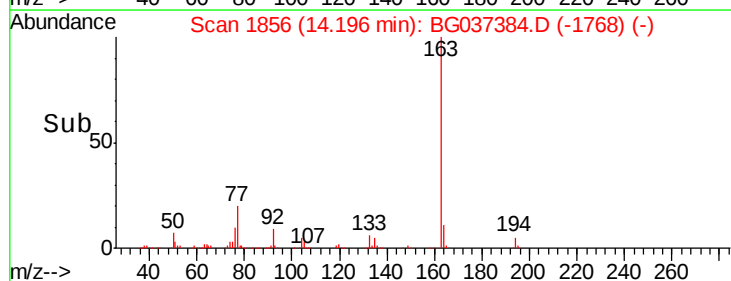
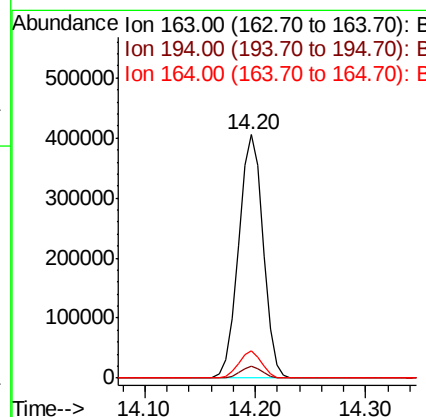
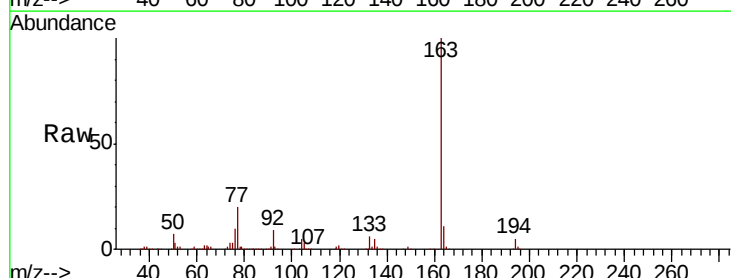
RT: 14.20 min Scan# 1856

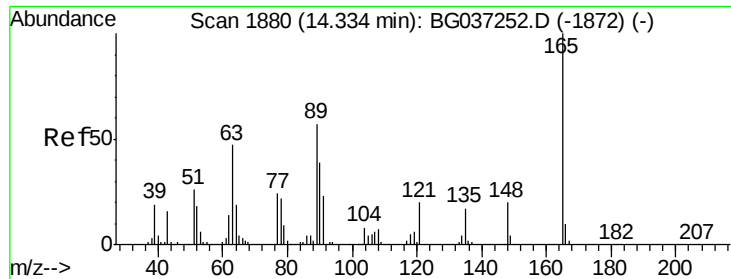
Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt	Ion	163	Resp:	630640
	Ion	Ratio	Lower	Upper
	163	100		
	194	4.7	3.5	5.3
	164	11.1	8.5	12.7





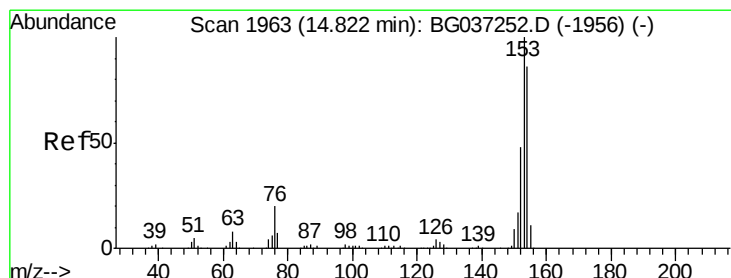
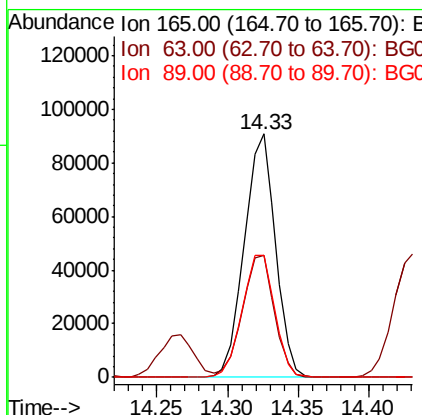
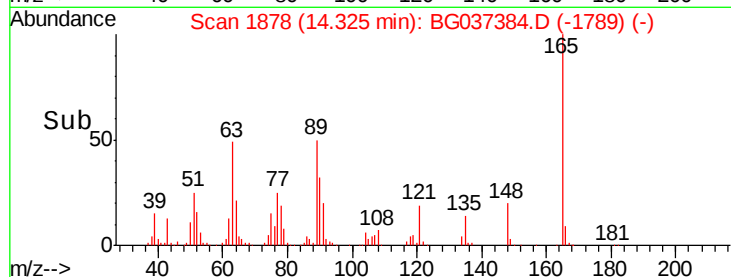
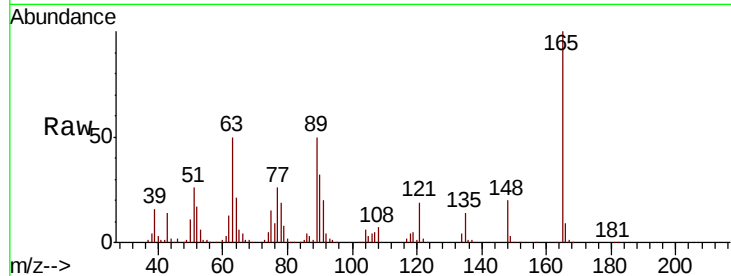
#51
 2,6-Dinitrotoluene
 Concen: 48.656 ng
 RT: 14.33 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140713		
63	50.0	43.4	65.2	
89	50.4	45.8	68.6	

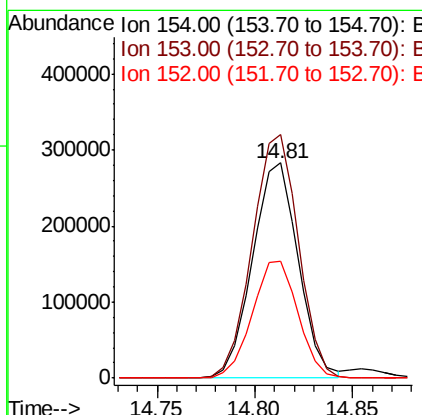
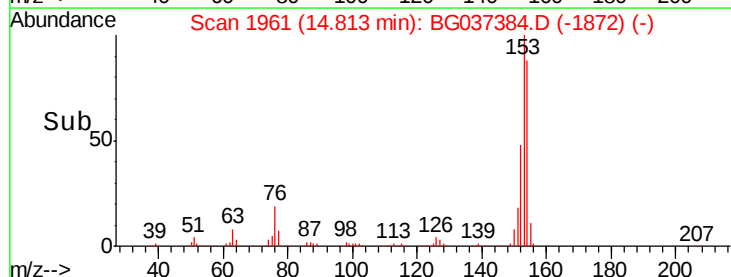
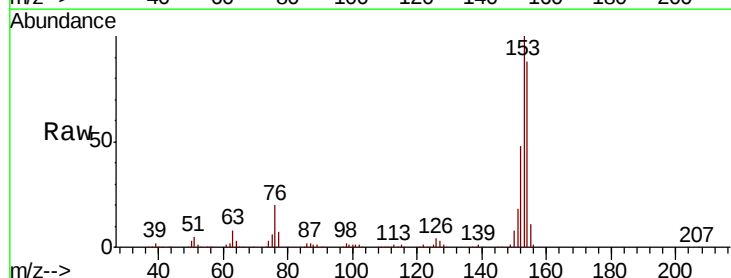
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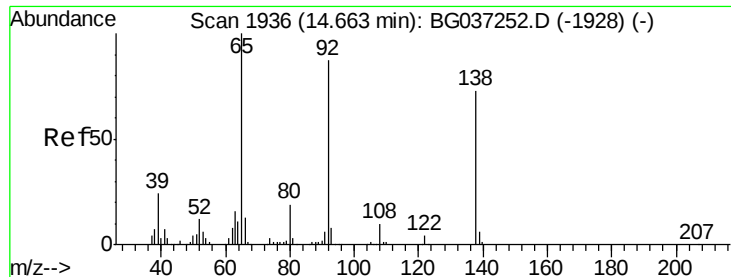
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#52
 Acenaphthene
 Concen: 41.267 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	458343		
153	113.2	93.4	140.0	
152	54.5	44.7	67.1	





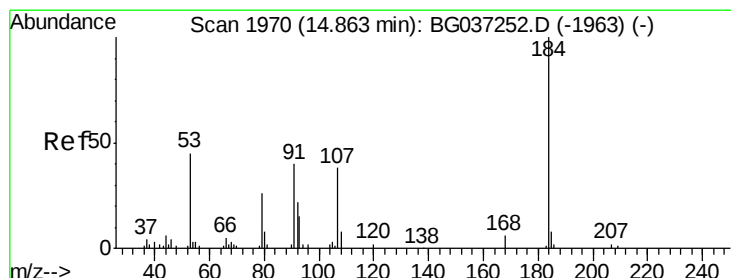
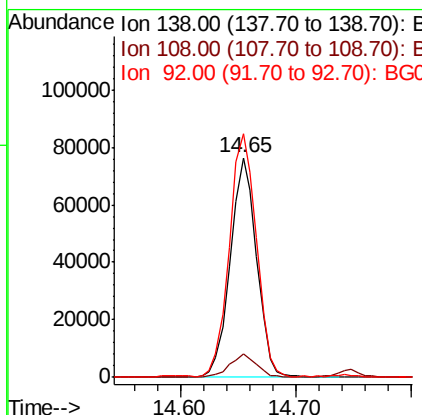
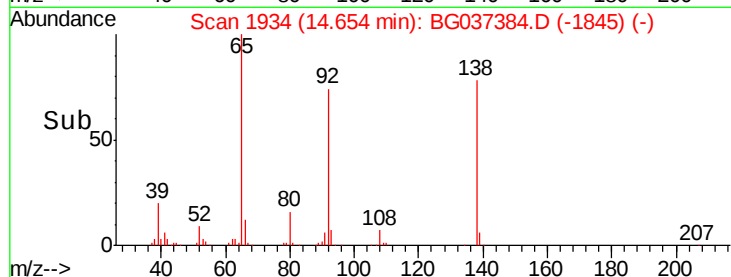
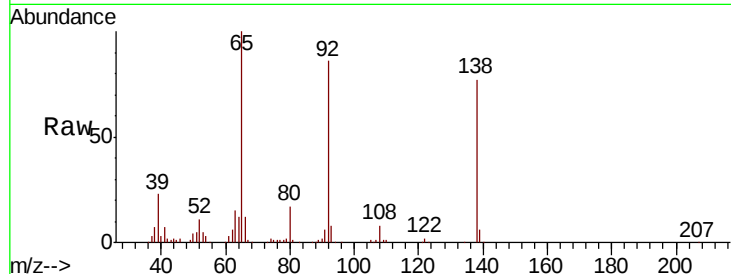
#53
3-Nitroaniline
Concen: 38.668 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampled :
PB113496BS

Tgt Ion:138 Resp: 120272
Ion Ratio Lower Upper
138 100
108 10.7 11.0 16.6#
92 111.0 95.2 142.8

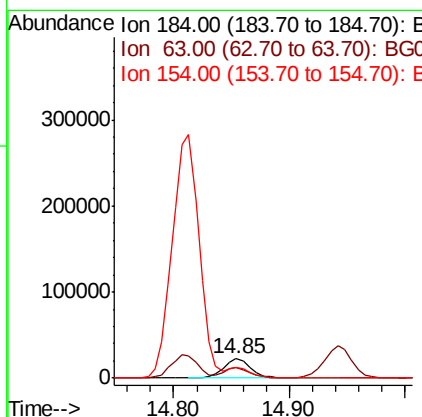
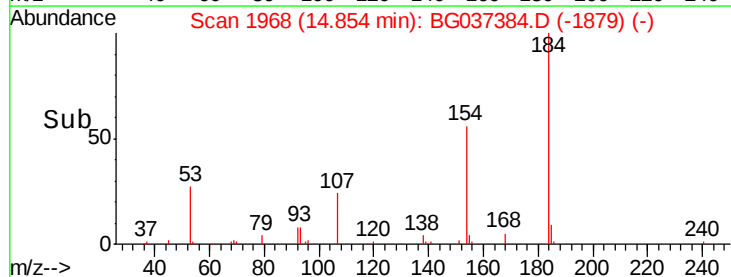
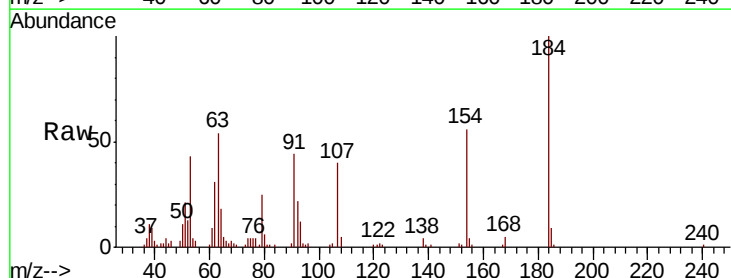
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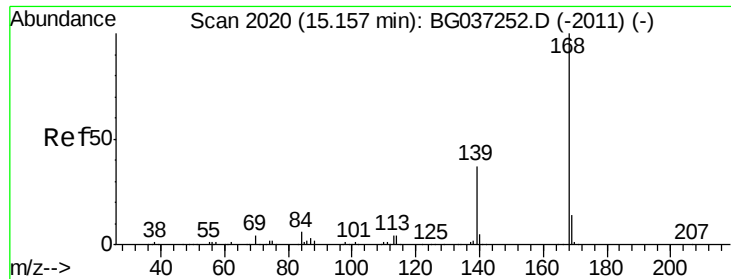
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#54
2,4-Dinitrophenol
Concen: 50.891 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion:184 Resp: 37857
Ion Ratio Lower Upper
184 100
63 54.4 42.6 63.8
154 55.5 41.8 62.6





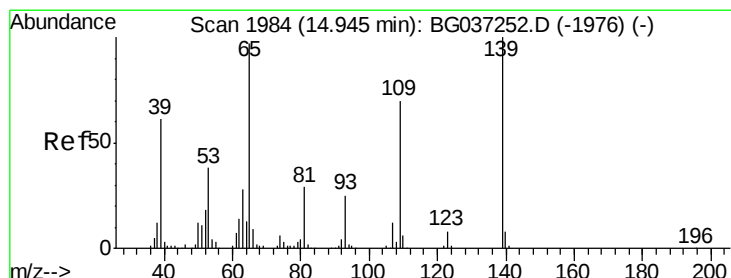
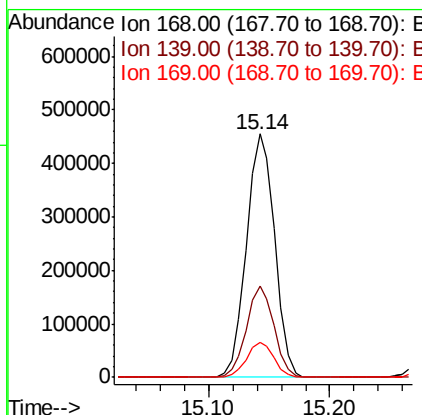
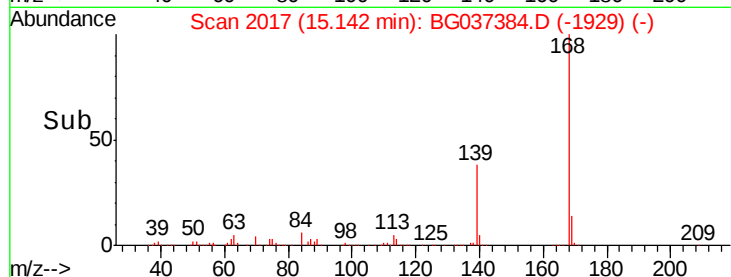
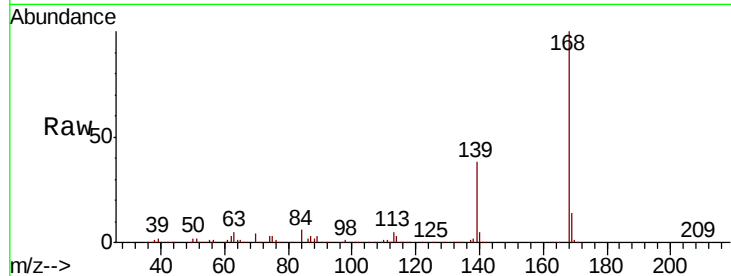
#55
Dibenzofuran
Concen: 41.026 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.4	44.0
169	14.4	11.0	16.6

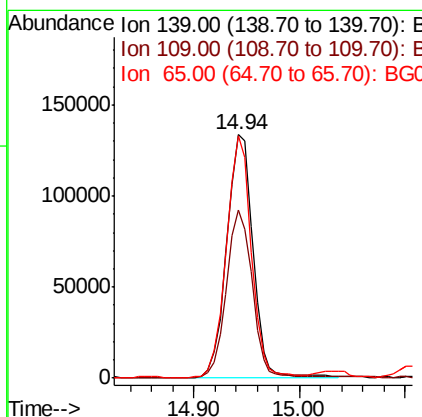
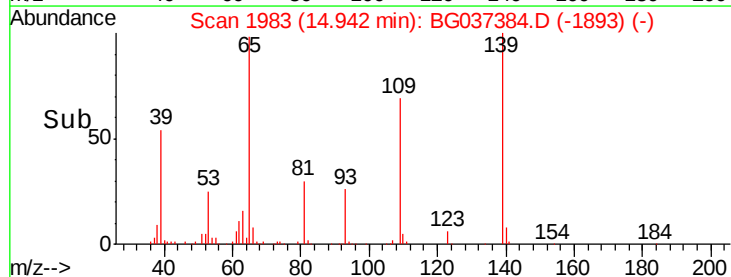
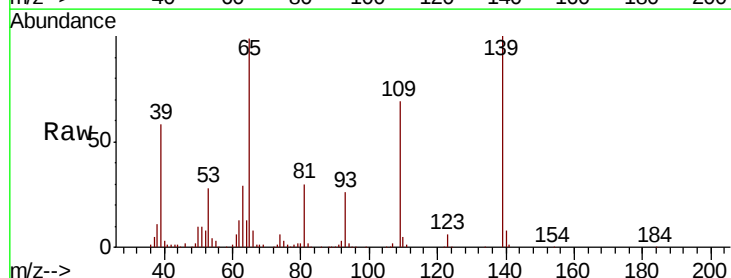
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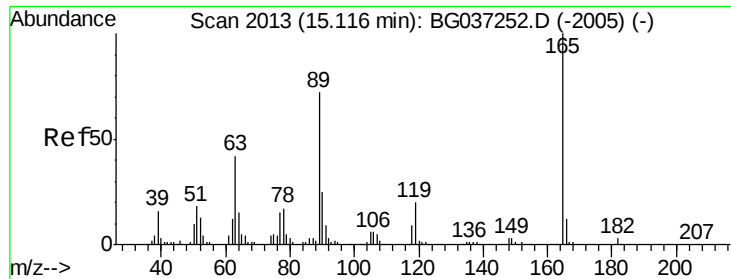
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#56
4-Nitrophenol
Concen: 95.091 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.0	49.5	89.5
65	99.4	76.8	116.8





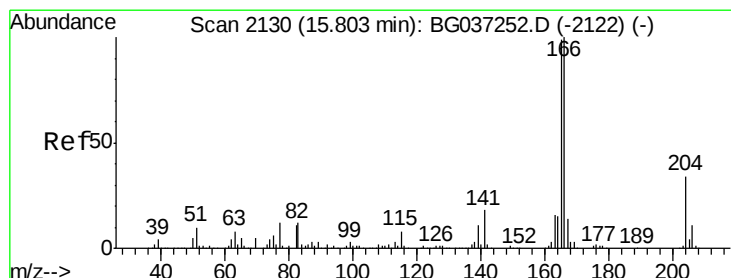
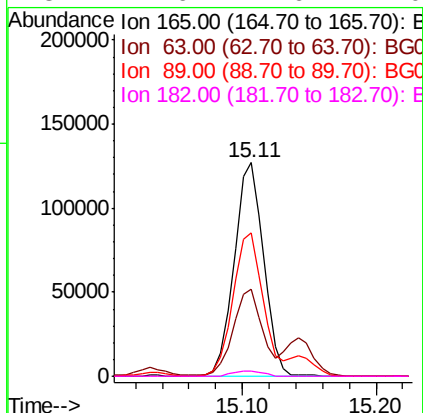
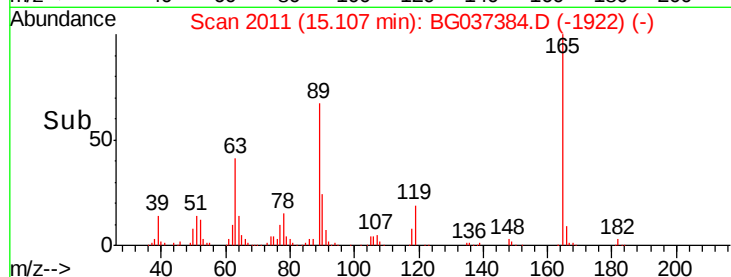
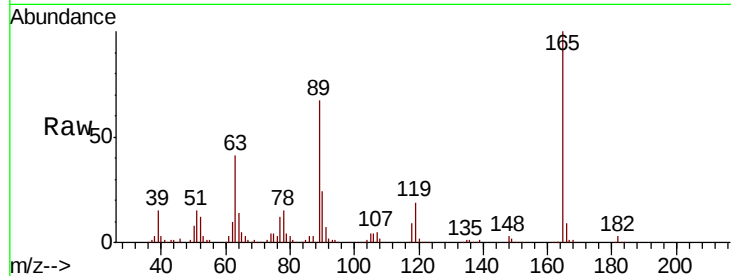
#57
2,4-Dinitrotoluene
Concen: 52.486 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193874		
63	41.1	33.4	50.0	
89	66.9	57.2	85.8	
182	2.6	2.6	4.0	

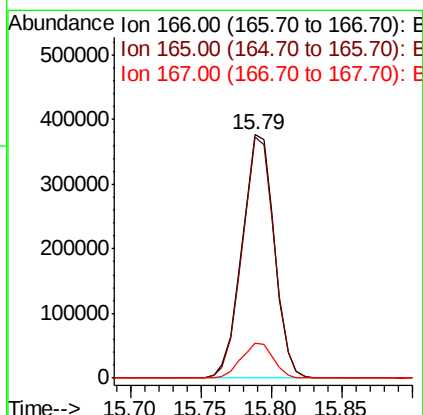
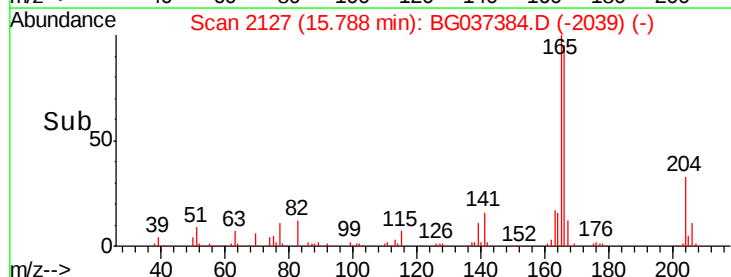
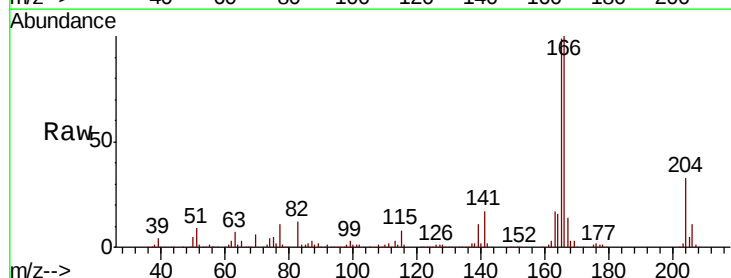
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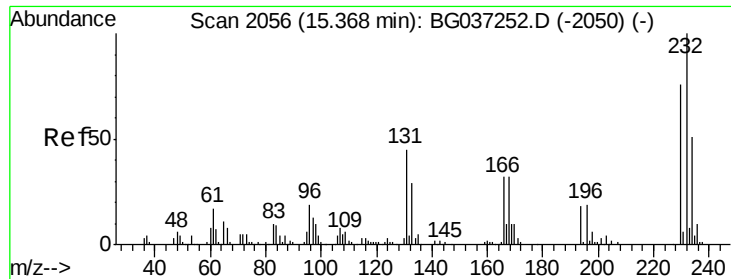
Sohil
10/17/2018 4:32:45 PM



#58
Fluorene
Concen: 44.042 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	600297		
165	99.2	79.0	118.6	
167	14.4	11.3	16.9	





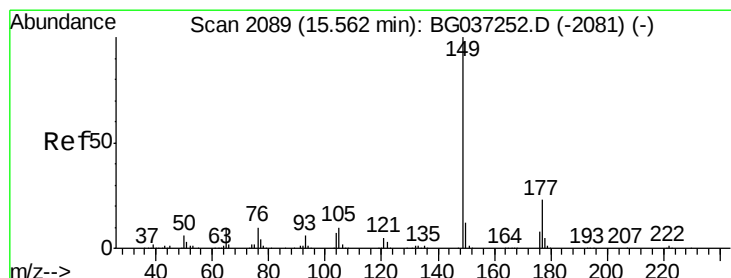
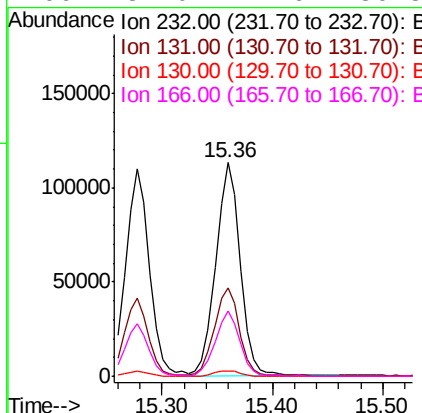
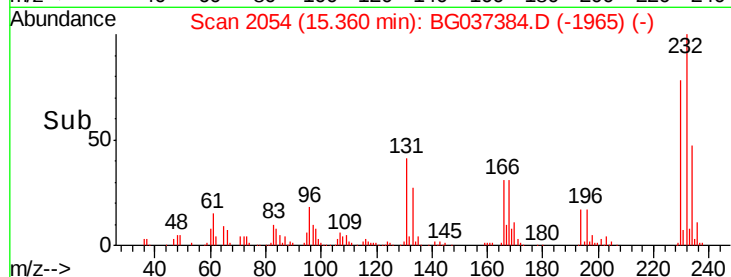
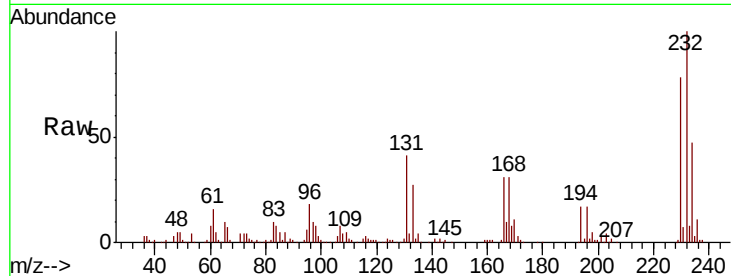
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.132 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	173097		
131	41.5	33.7	50.5	
130	2.6	2.1	3.1	
166	31.0	24.6	36.8	

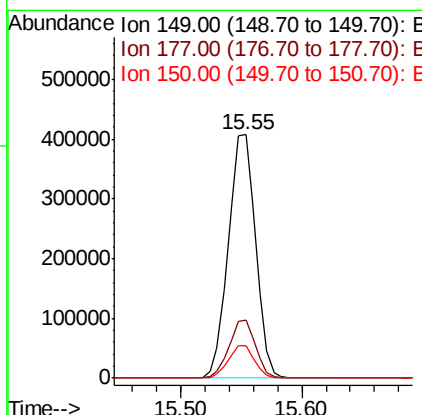
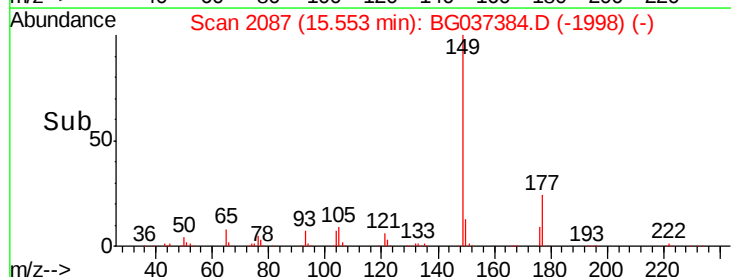
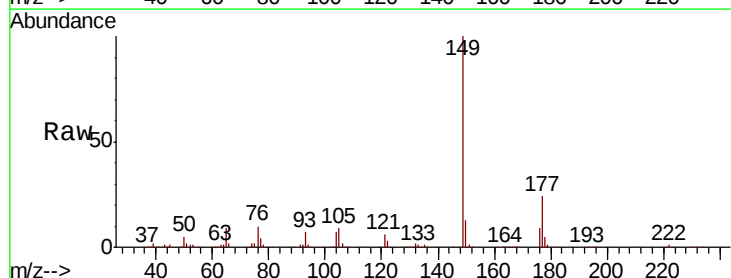
Manual Integrations
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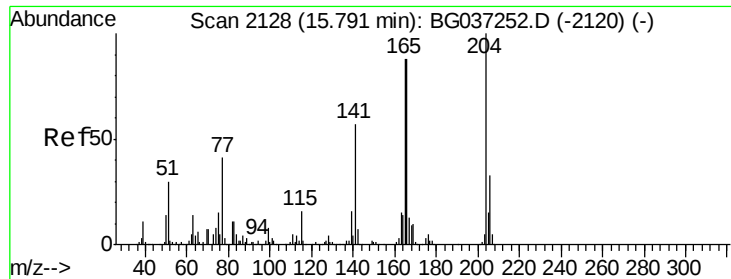
Sohil
 10/17/2018 4:32:45 PM



#60
 Diethylphthalate
 Concen: 41.529 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	639825		
177	23.8	18.3	27.5	
150	13.2	10.0	15.0	





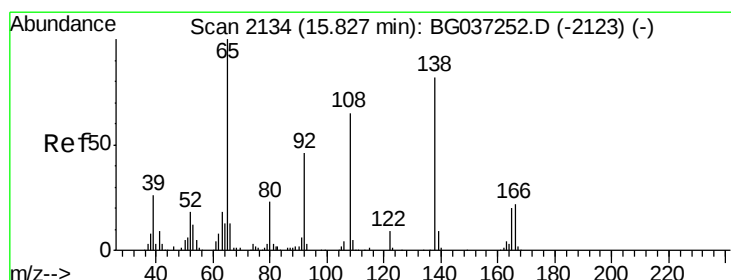
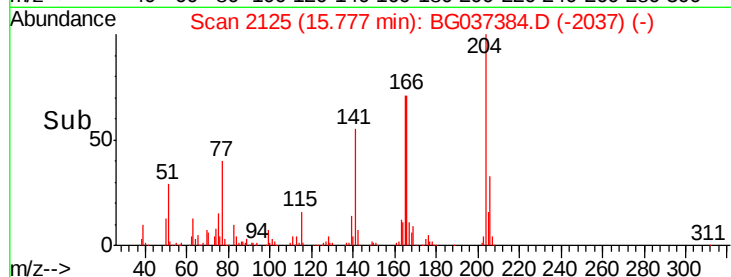
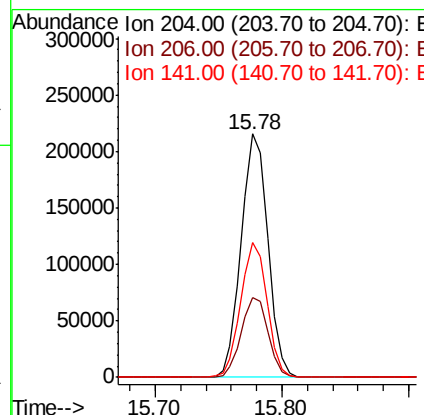
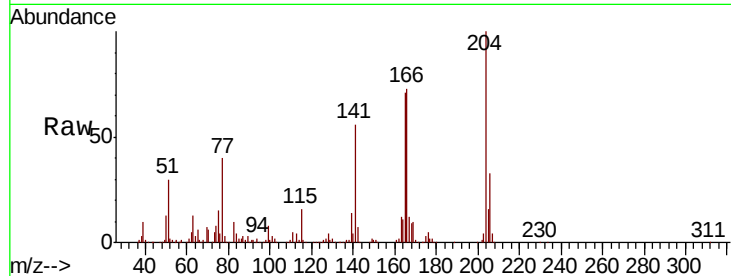
#61
4-Chlorophenyl-phenylether
Concen: 39.293 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313052		
206	32.7	26.6	39.8	
141	55.5	45.4	68.2	

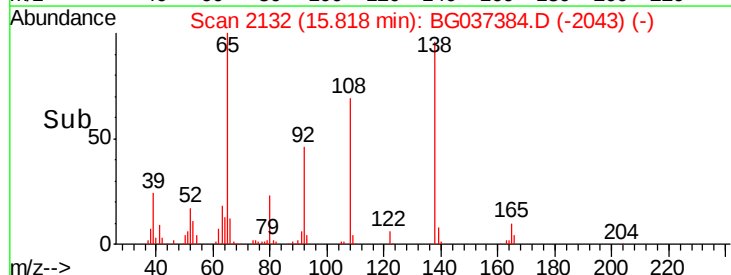
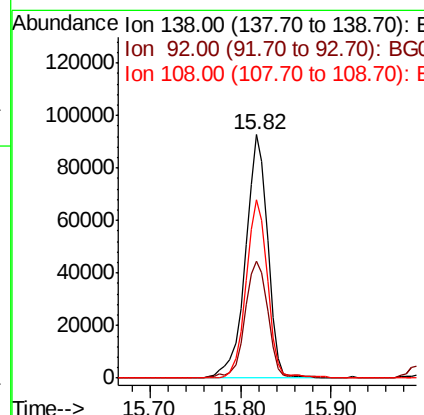
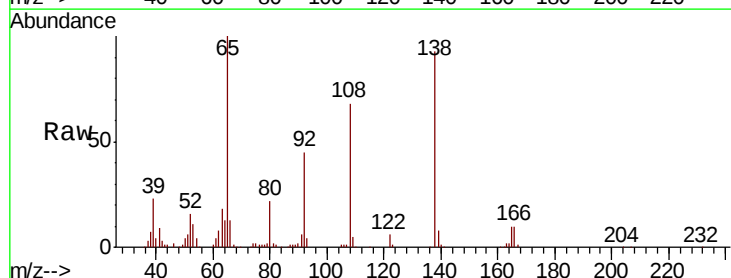
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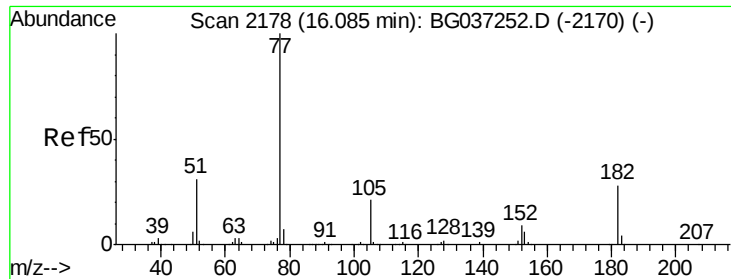
Sohil
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#62
4-Nitroaniline
Concen: 48.255 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	157538		
92	47.8	36.4	76.4	
108	73.2	60.1	100.1	





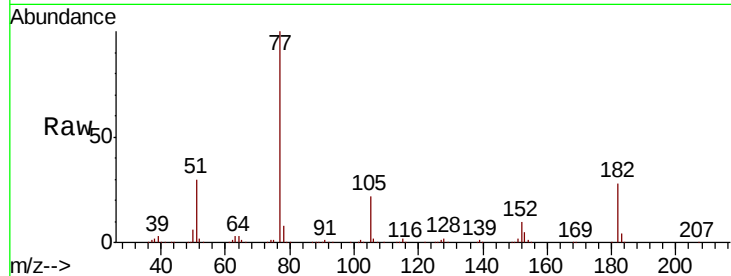
#63
Azobenzene
Concen: 40.398 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

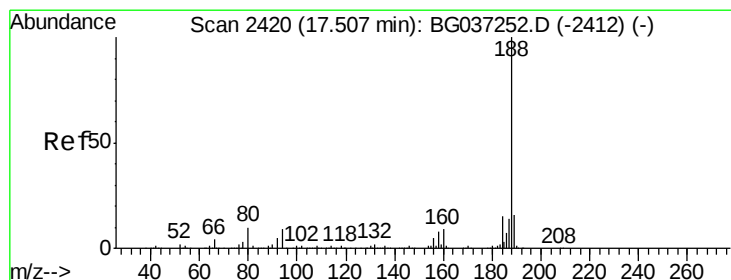
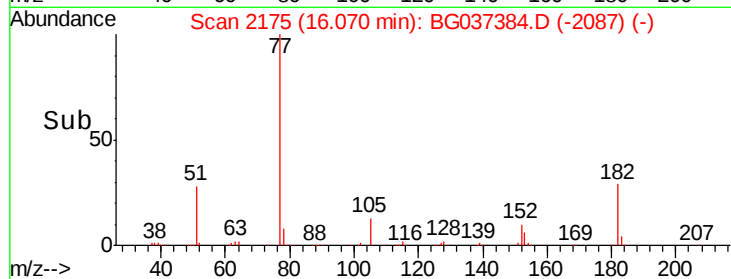
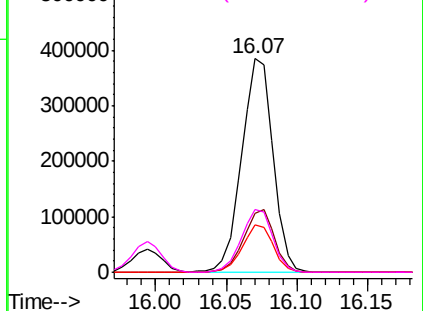
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.0	48.0
105	22.4	1.3	41.3
51	29.7	10.7	50.7

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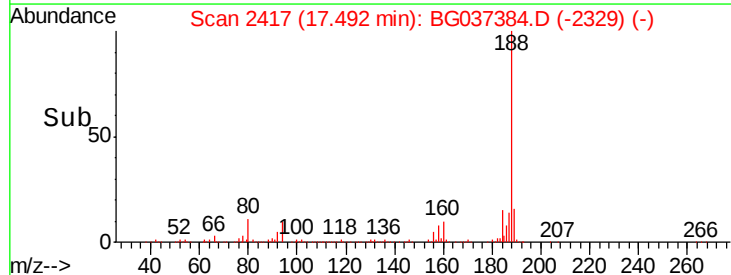
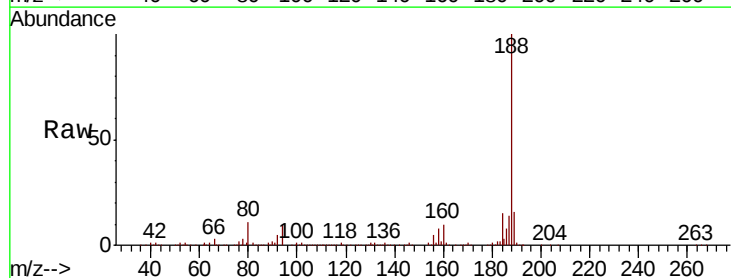
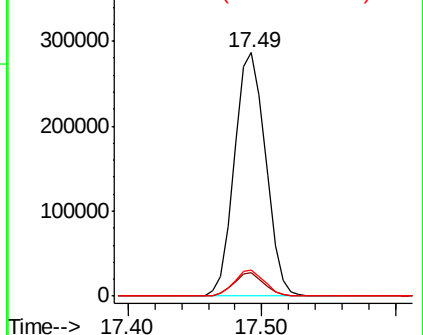
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

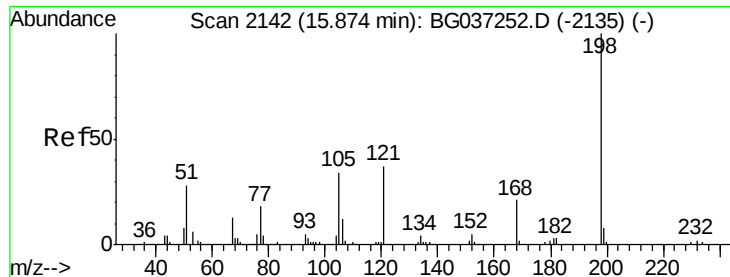


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.9	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





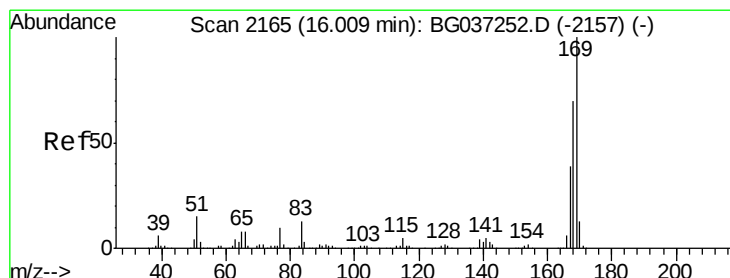
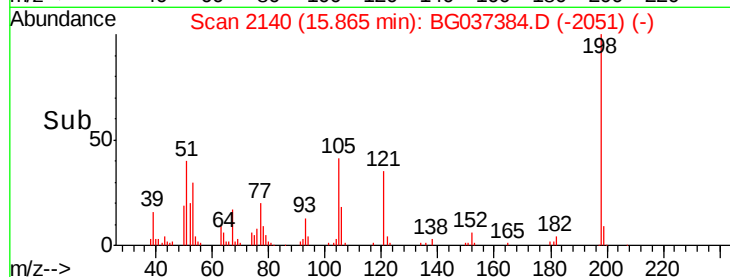
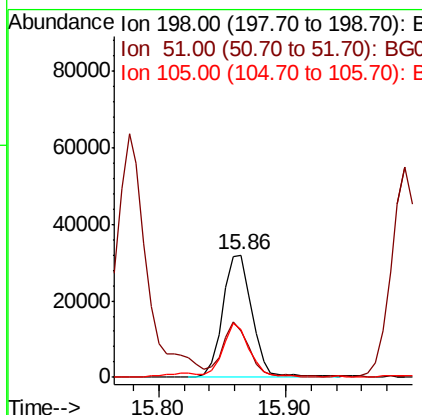
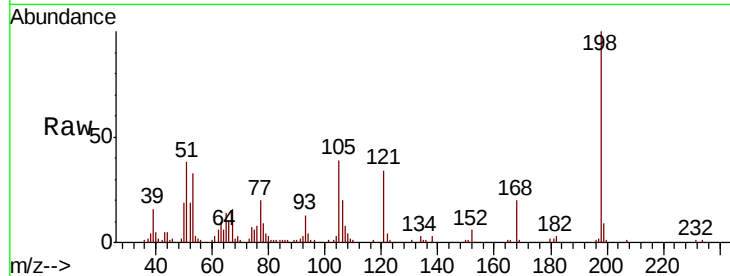
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.066 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.3	22.7	62.7
105	39.3	19.7	59.7

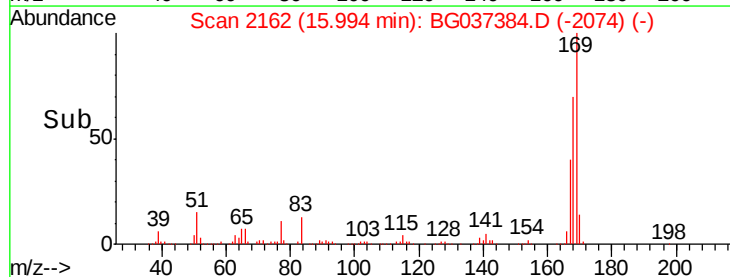
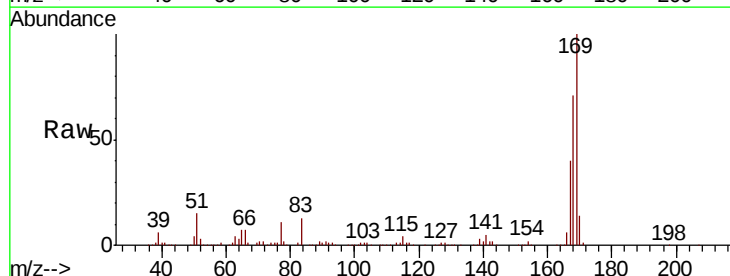
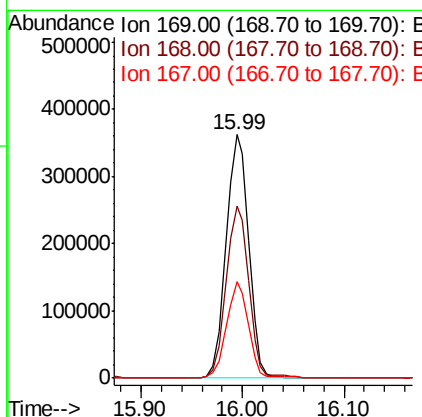
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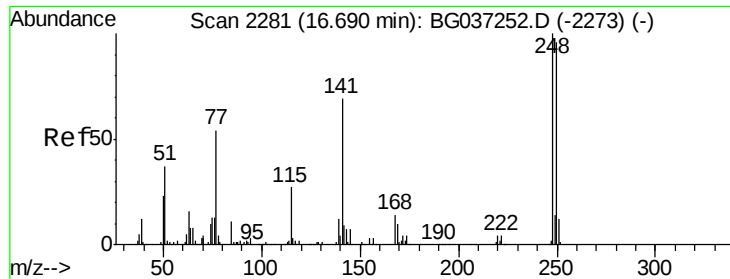
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#66
 n-Nitrosodiphenylamine
 Concen: 40.883 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	39.5	31.3	46.9





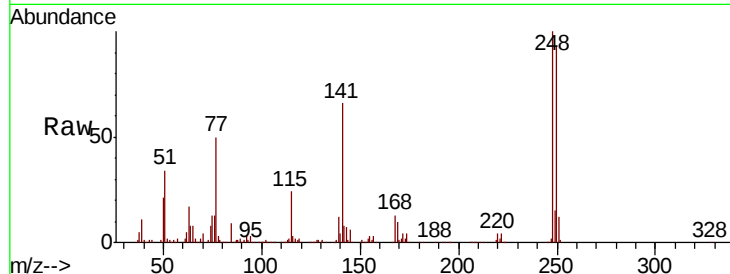
#67
4-Bromophenyl-phenylether
Concen: 40.174 ng
RT: 16.68 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.0	115.6
141	66.2	55.5	83.3

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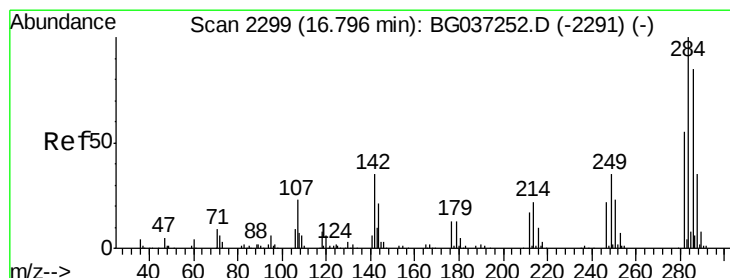
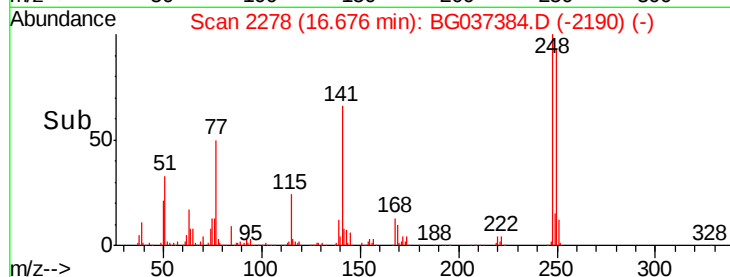
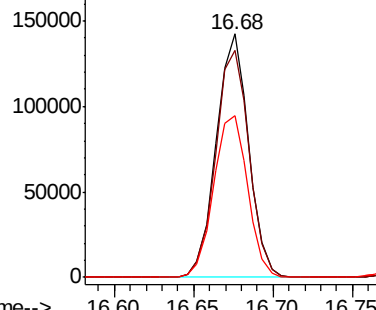


Abundance

Ion 248.00 (247.70 to 248.70): E

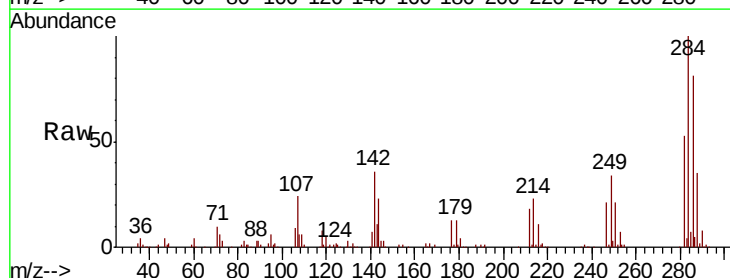
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.384 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.1	42.1
249	37.1	29.8	44.8

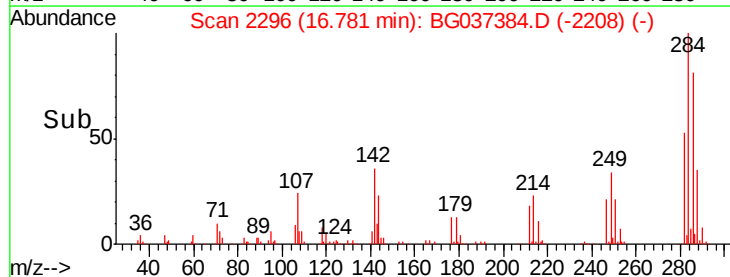
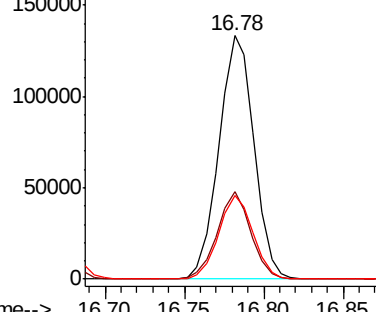


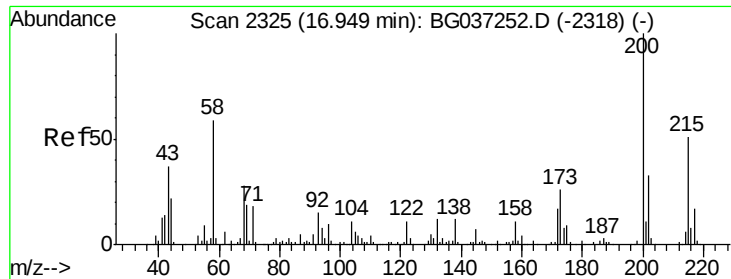
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





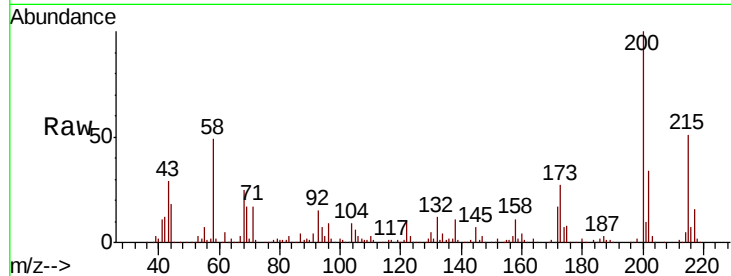
#69
Atrazine
Concen: 41.886 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.1	46.1
215	51.2	30.8	70.8

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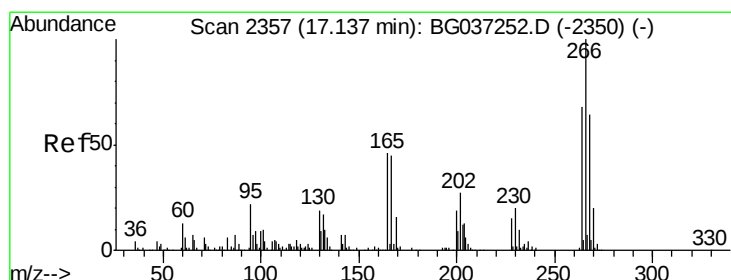
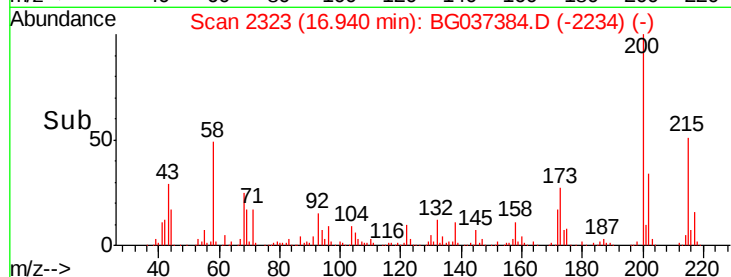
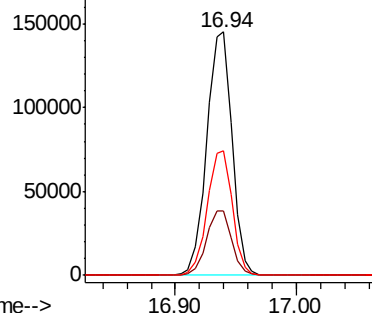


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 65.435 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

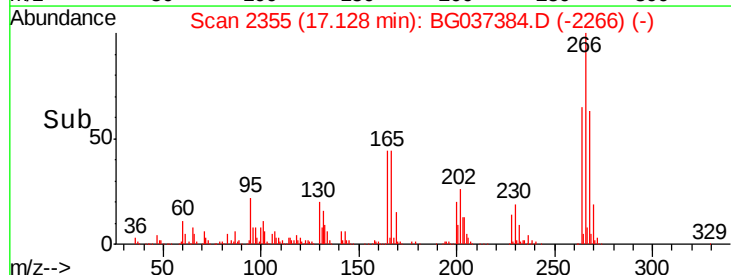
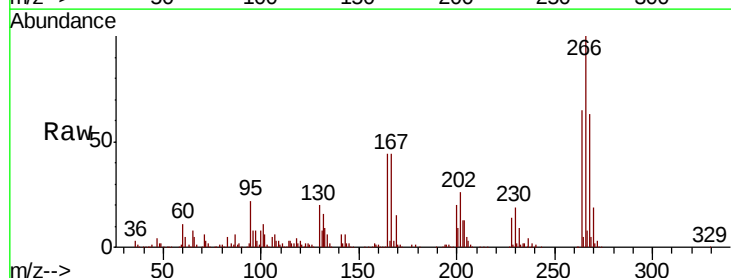
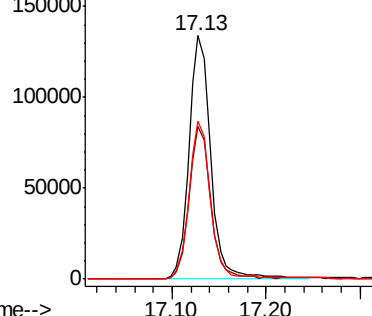
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	55.0	82.6
264	70.1	58.9	88.3

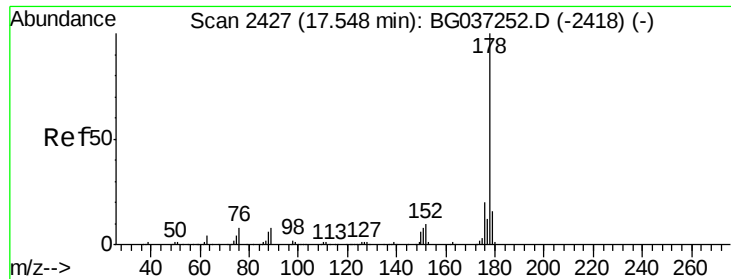
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.752 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

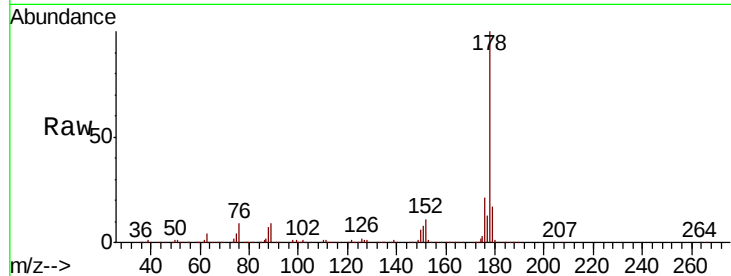
ClientSampleId :

PB113496BS

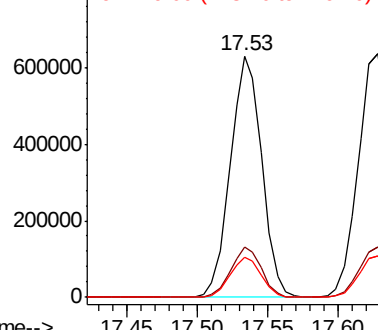
Tgt Ion:	178	Resp:	985799
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.1	24.1
179	16.8	13.0	19.4

Manual Integrations
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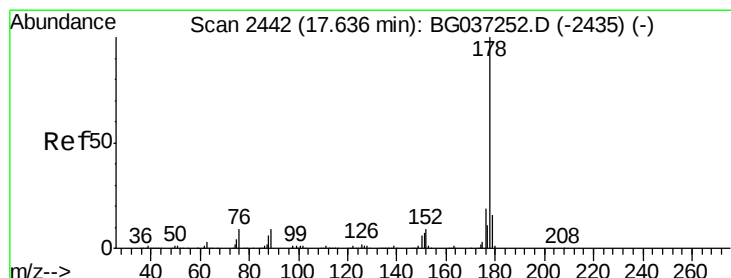
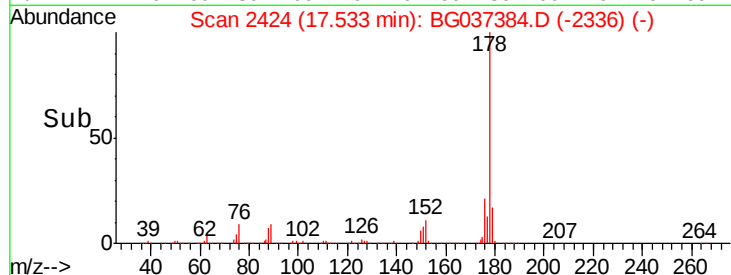
Sohil
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 43.660 ng

RT: 17.63 min Scan# 2440

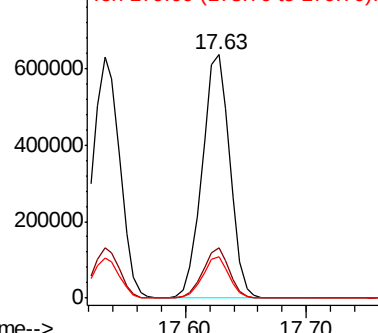
Delta R.T. -0.01 min

Lab File: BG037384.D

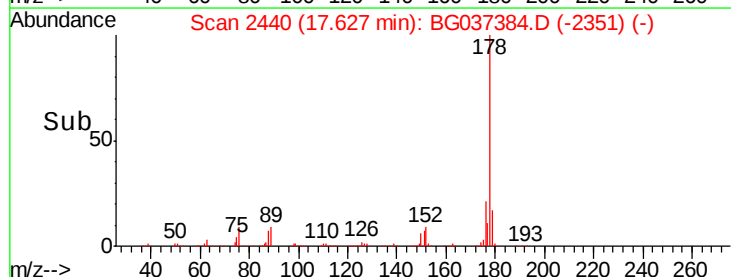
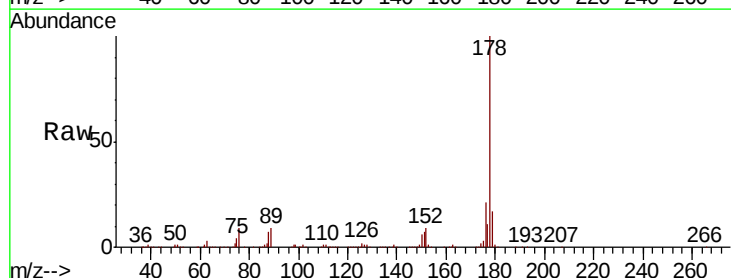
Acq: 17 Oct 2018 10:11

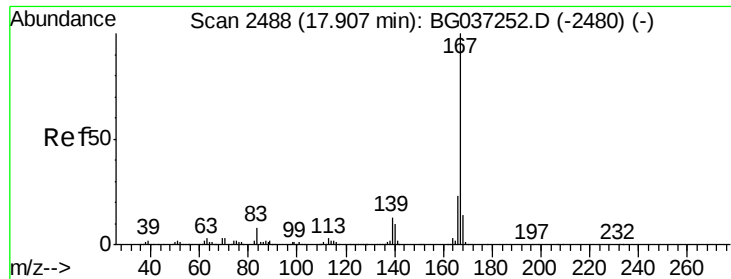
Tgt Ion:	178	Resp:	1009007
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.0	22.4
179	17.0	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





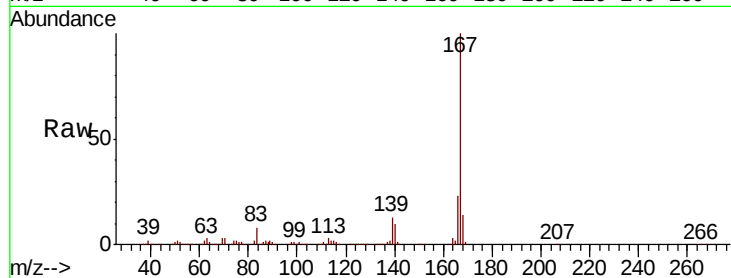
#73
 Carbazole
 Concen: 39.349 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	936948		
166	23.1	18.3	27.5	
139	12.8	10.5	15.7	

Manual Integrations
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 10/17/2018 4:32:45 PM

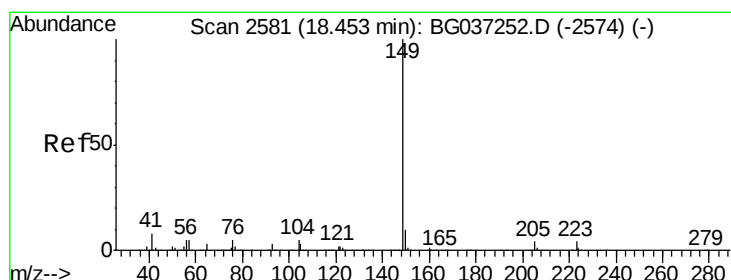
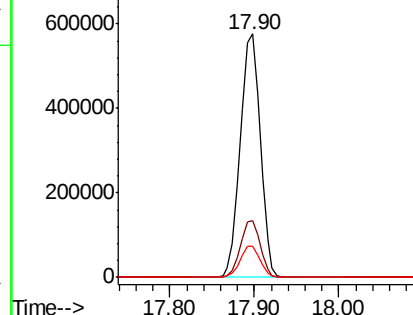
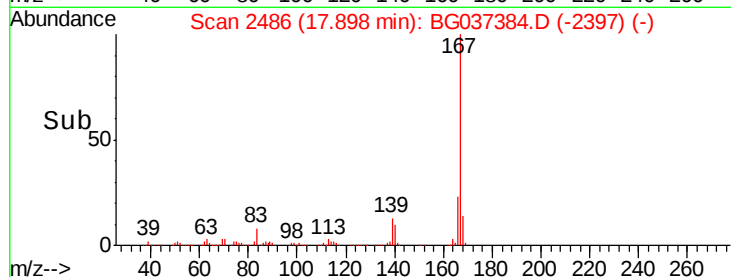


Abundance

Ion 167.00 (166.70 to 167.70): E

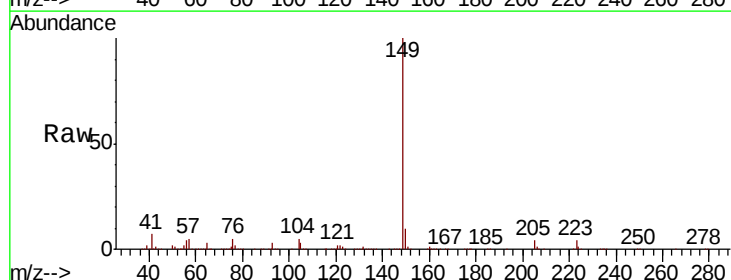
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.529 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BG037384.D
 Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1085408		
150	10.2	8.2	12.2	
104	5.2	4.0	6.0	

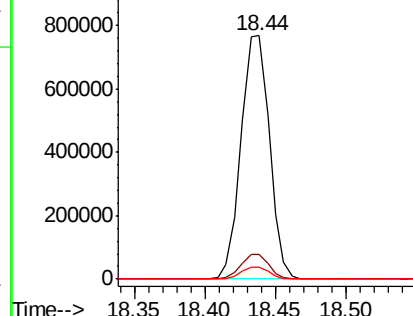
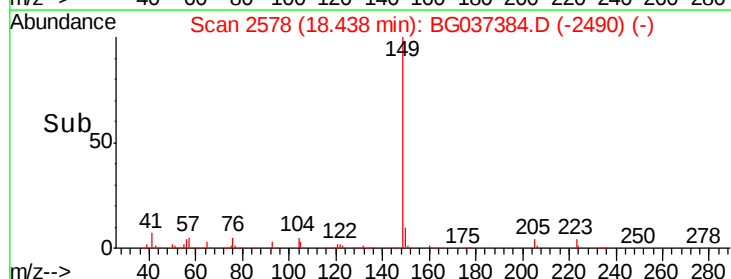


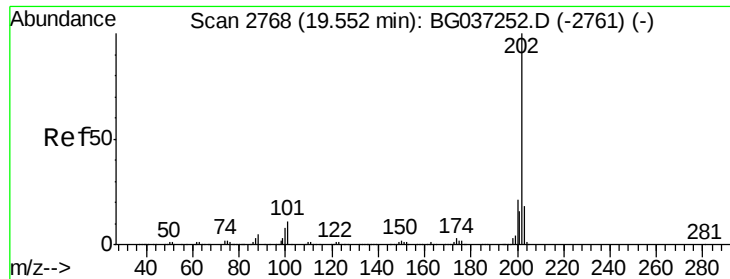
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.352 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

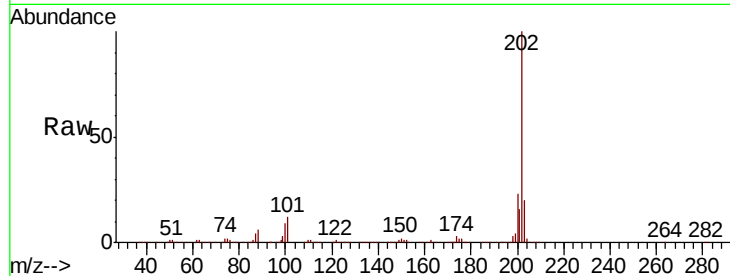
ClientSampled :

PB113496BS

Tgt	Ion	202	Resp:	1168749
Ion	Ratio	Lower	Upper	
202	100			
101	12.1	0.0	30.7	
203	19.7	0.0	38.5	

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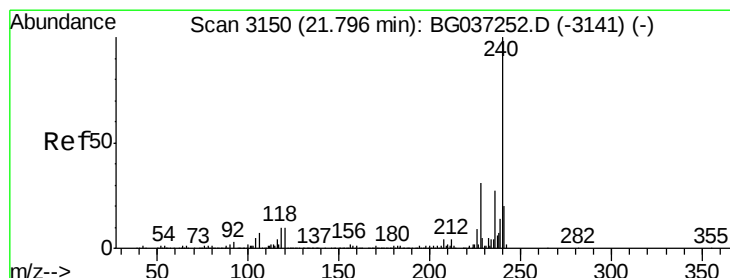
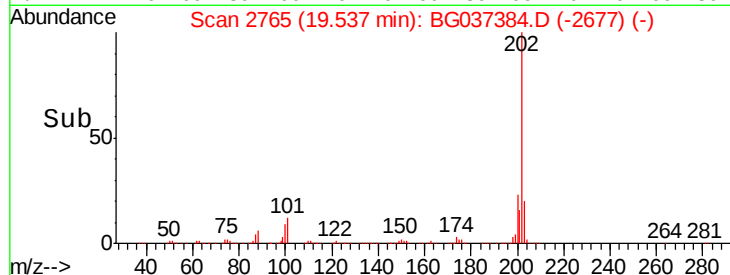
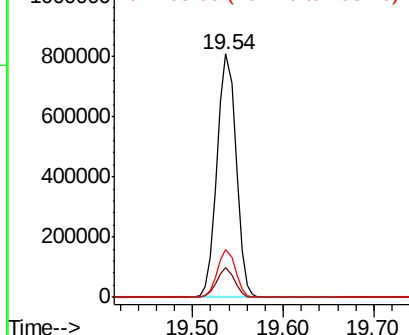


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

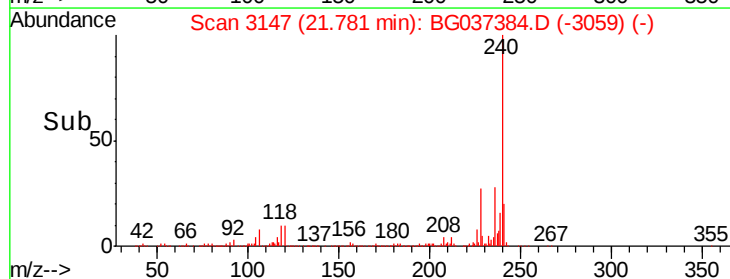
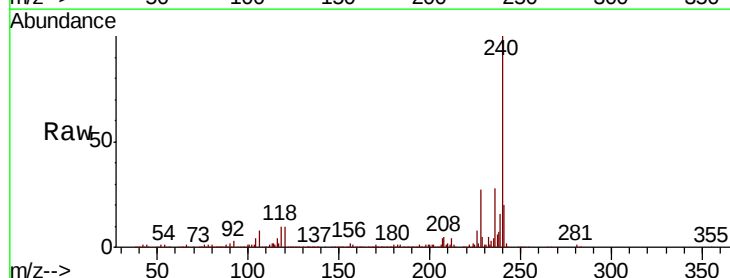
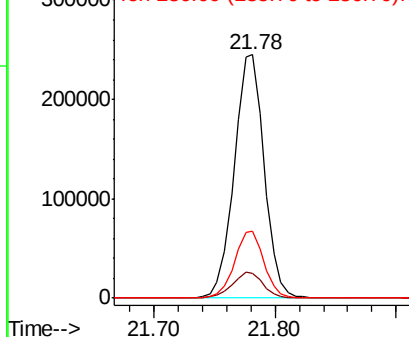
Tgt	Ion	240	Resp:	423024
Ion	Ratio	Lower	Upper	
240	100			
120	10.2	8.1	12.1	
236	27.7	21.4	32.0	

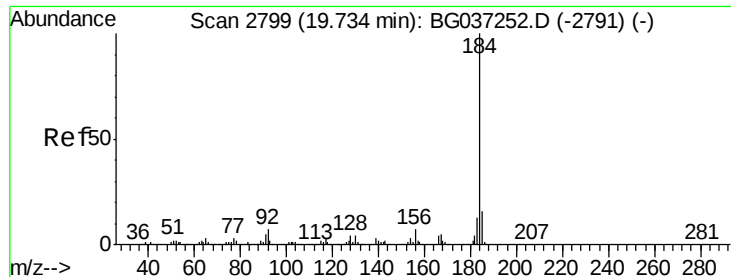
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.253 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

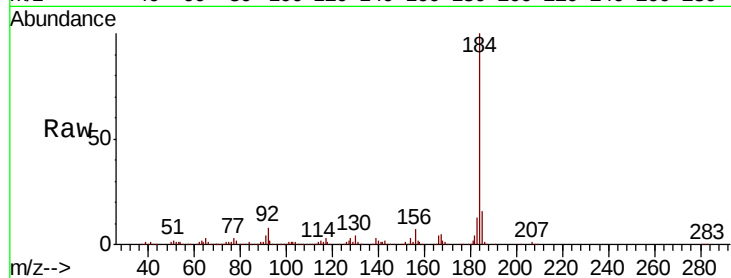
ClientSampleId :

PB113496BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	554314		
185	16.2	12.6	18.8	
183	12.9	10.2	15.2	

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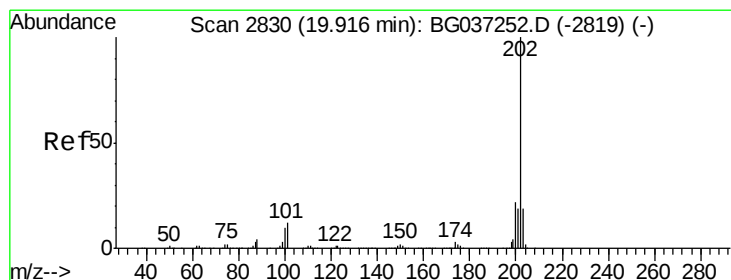
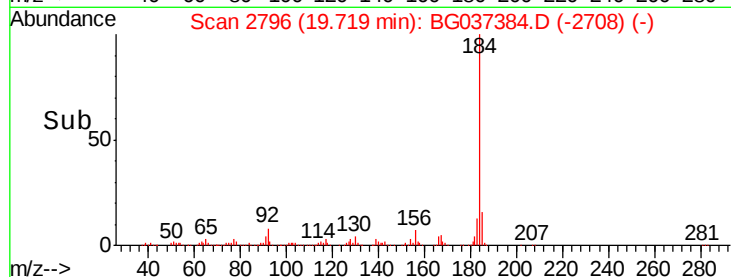
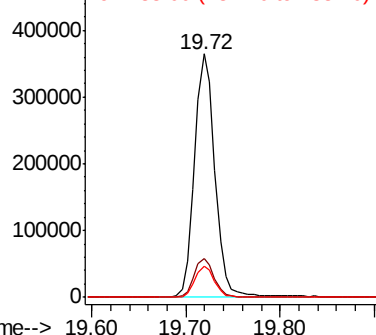


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.727 ng

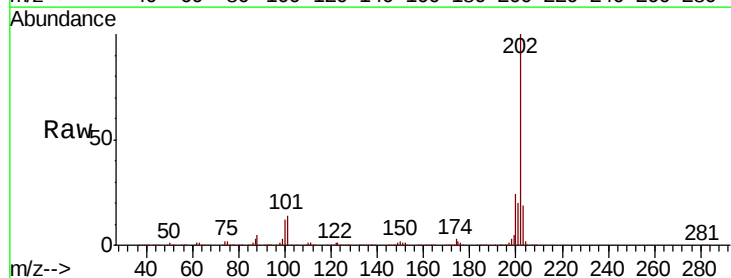
RT: 19.90 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1150416		
200	23.5	17.8	26.6	
203	19.5	15.2	22.8	

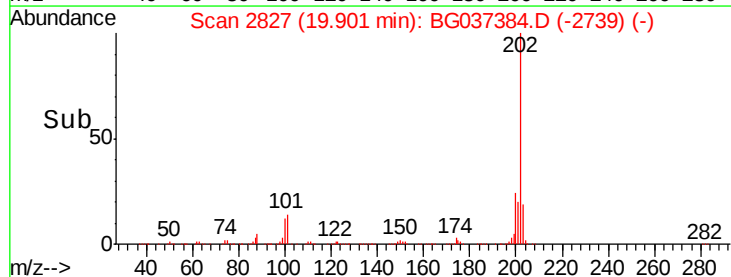
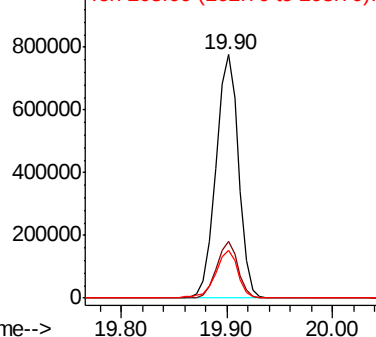


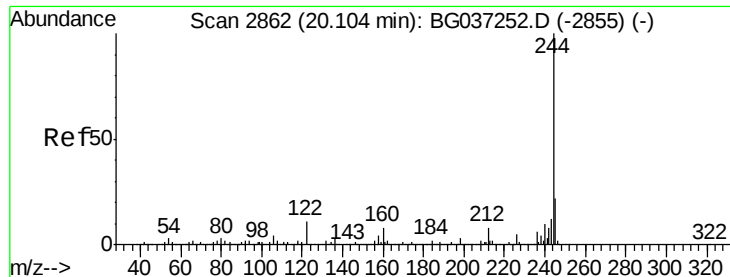
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.345 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

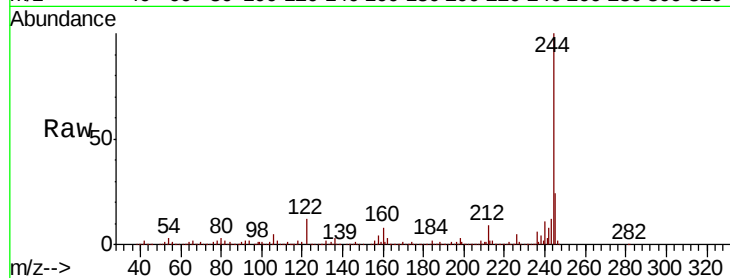
ClientSampled :

PB113496BS

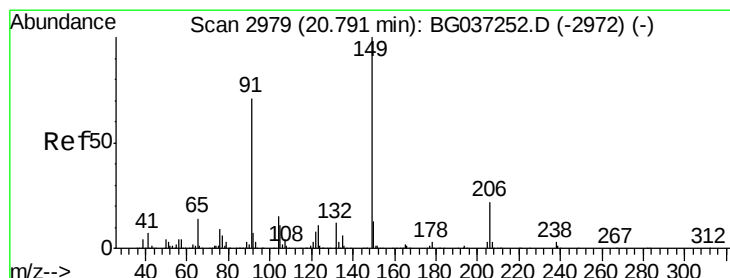
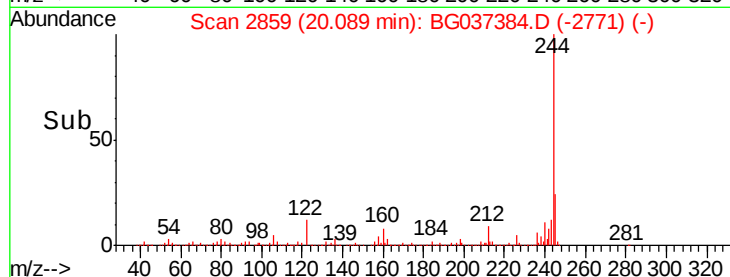
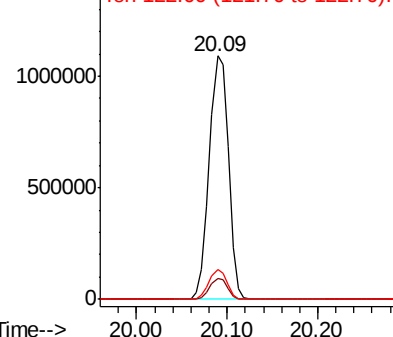
Tgt Ion:	244	Resp:	1598522
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	12.1	9.0	13.4

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.635 ng

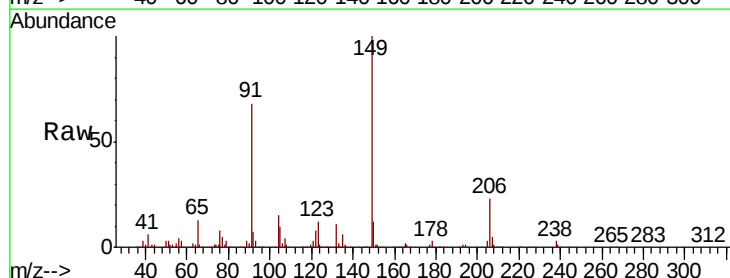
RT: 20.78 min Scan# 2976

Delta R.T. -0.01 min

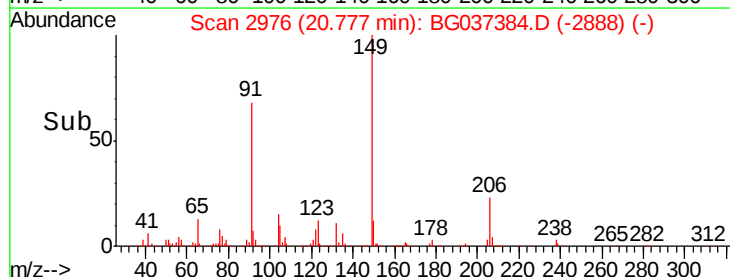
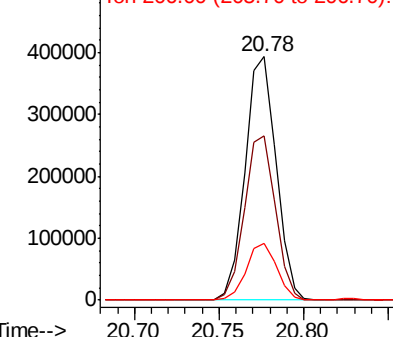
Lab File: BG037384.D

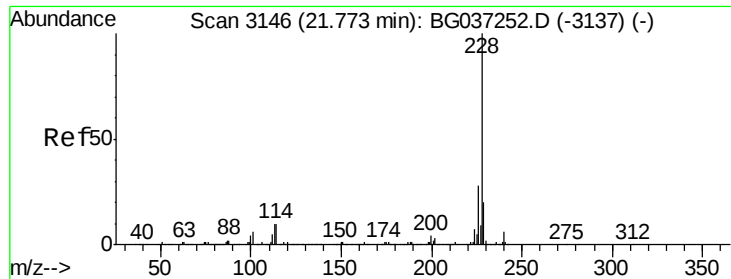
Acq: 17 Oct 2018 10:11

Tgt Ion:	149	Resp:	500237
Ion	Ratio	Lower	Upper
149	100		
91	67.7	57.0	85.4
206	23.1	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





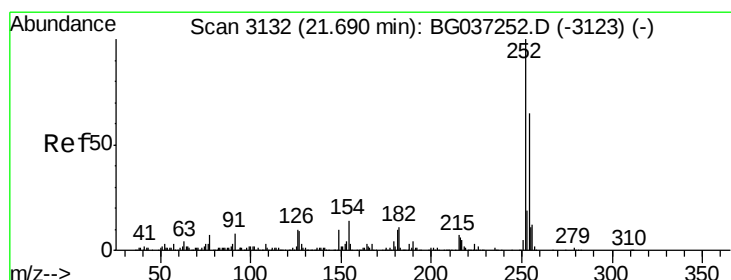
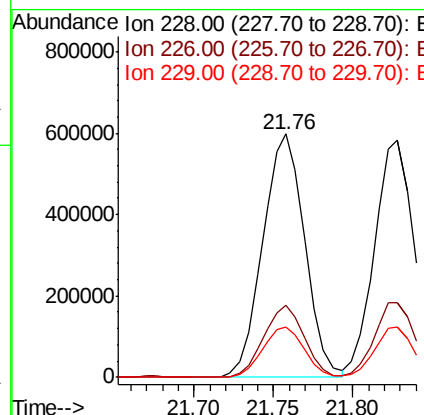
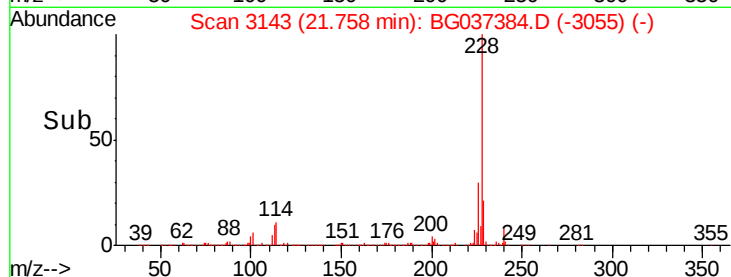
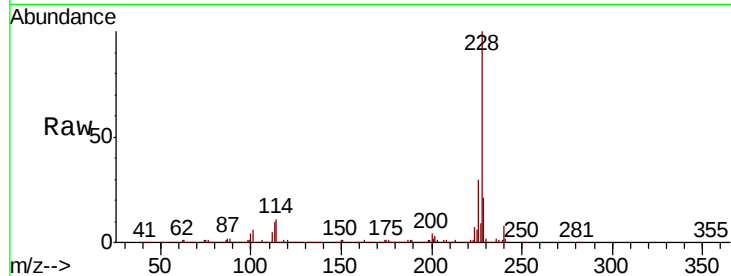
#81
Benzo(a)anthracene
Concen: 43.317 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.9	16.3	24.5

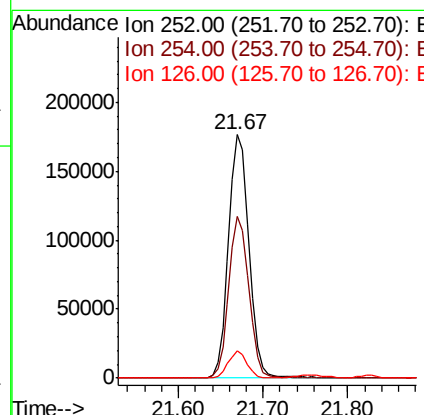
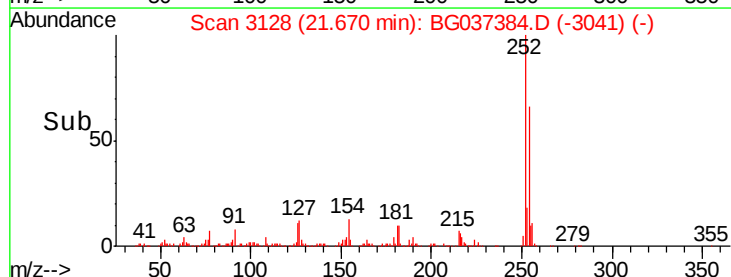
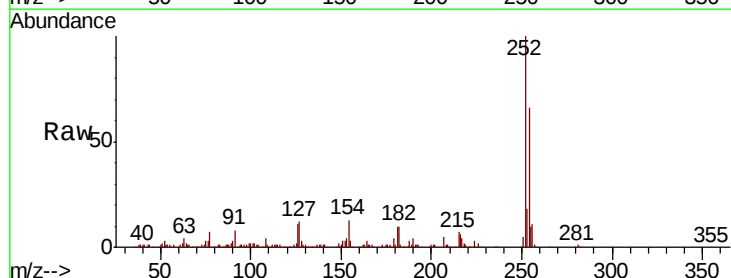
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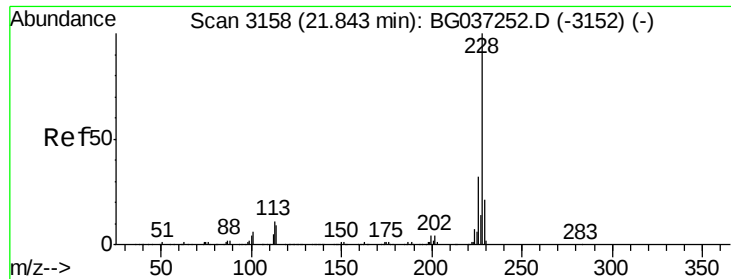
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 30.290 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.0	78.0
126	11.3	8.2	12.4





#83

Chrysene

Concen: 41.851 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

ClientSampleId :

PB113496BS

Tgt Ion: 228 Resp: 1011424

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

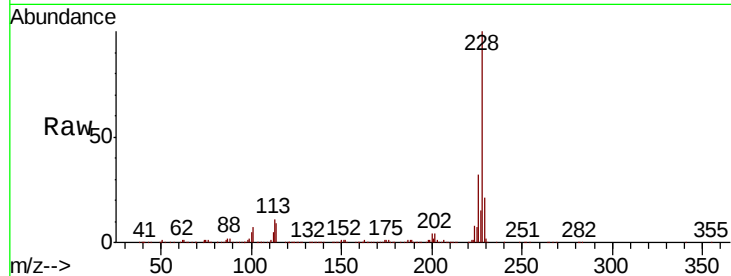
229 21.1 16.5 24.7

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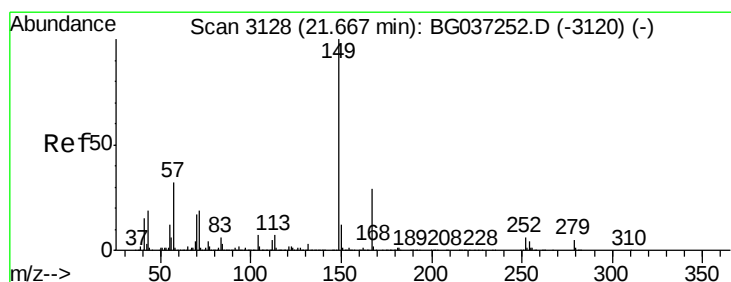
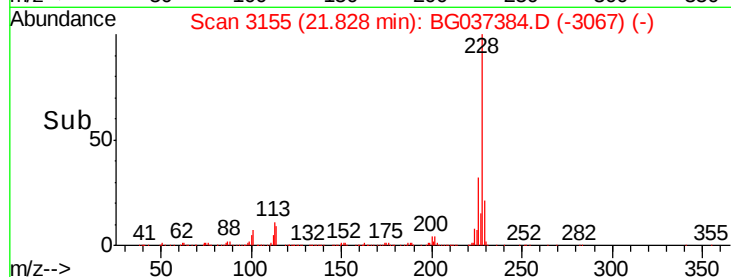
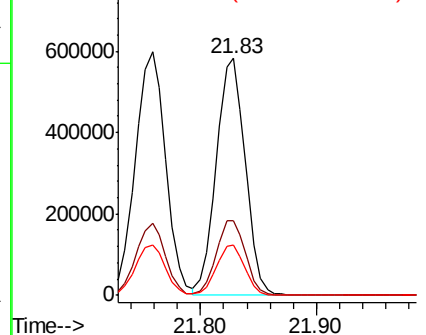
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.042 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.03 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

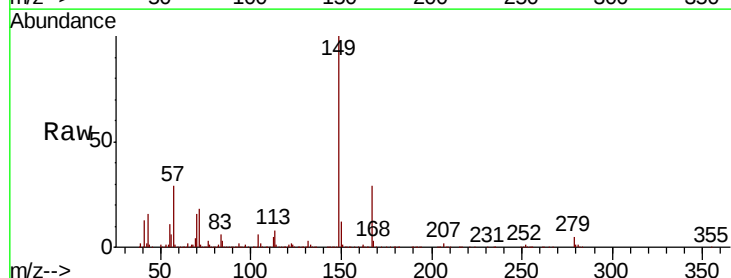
Tgt Ion: 149 Resp: 693792

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.4

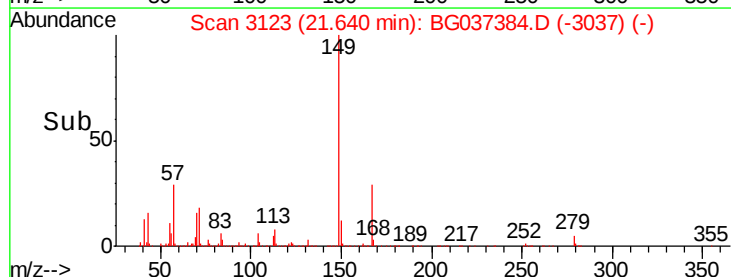
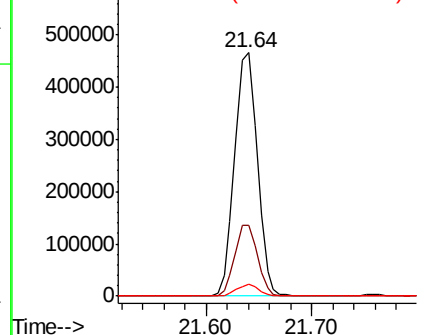
279 4.8 3.6 5.4

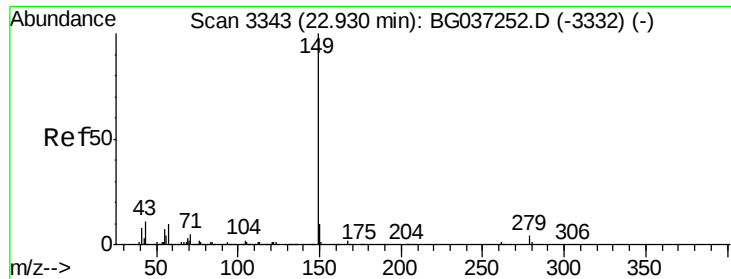


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.396 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

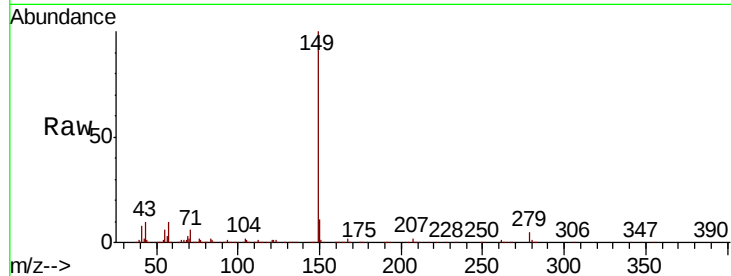
ClientSampleId :

PB113496BS

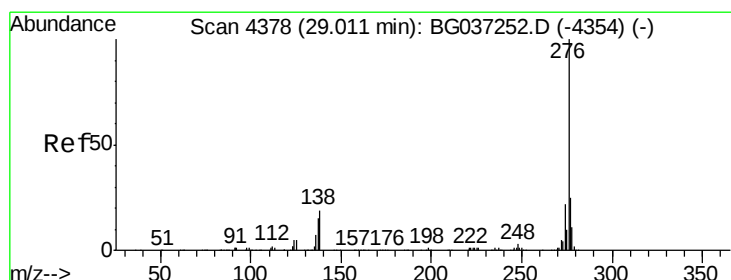
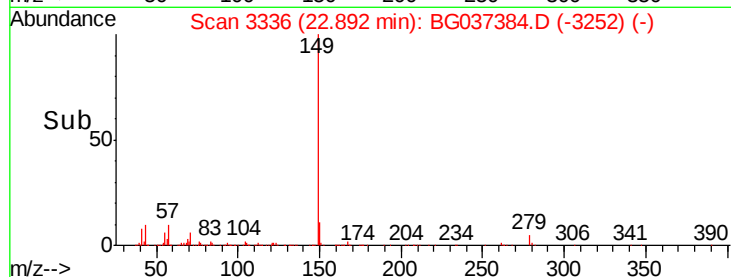
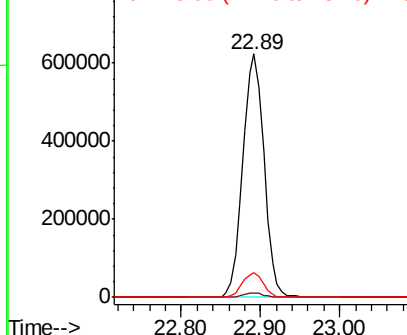
Tgt Ion:	149	Resp:	1159930
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.9	8.7	13.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.220 ng

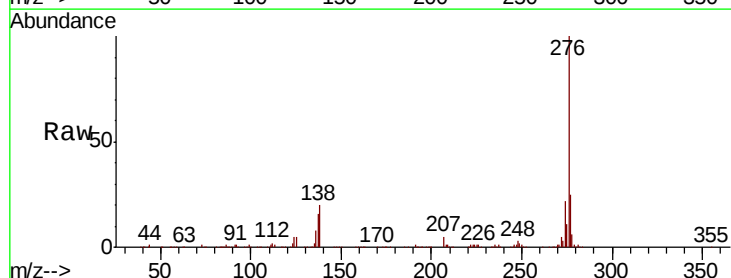
RT: 28.95 min Scan# 4367

Delta R.T. -0.06 min

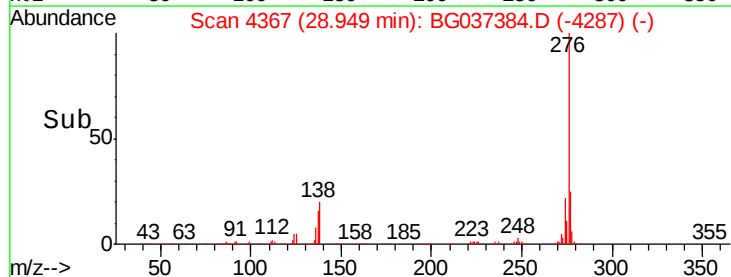
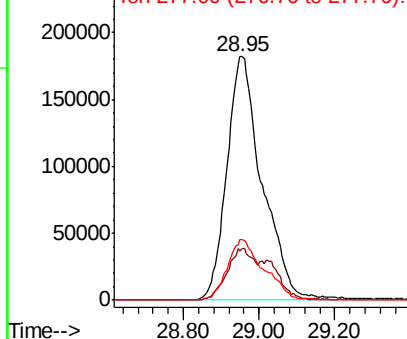
Lab File: BG037384.D

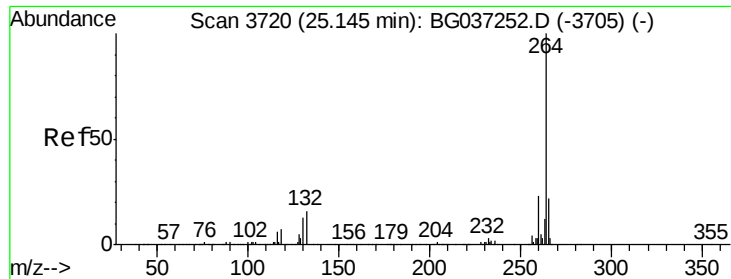
Acq: 17 Oct 2018 10:11

Tgt Ion:	276	Resp:	1184547
Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.0	18.0
277	25.6	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Instrument :

BNA_G

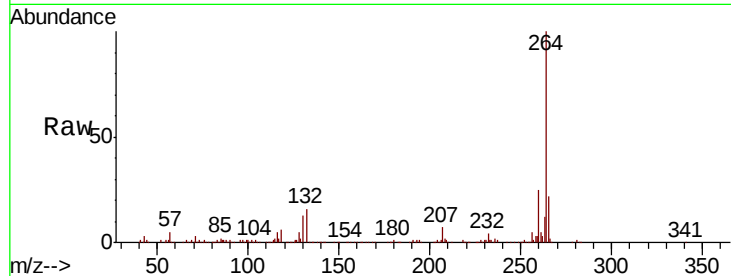
ClientSampleId :

PB113496BS

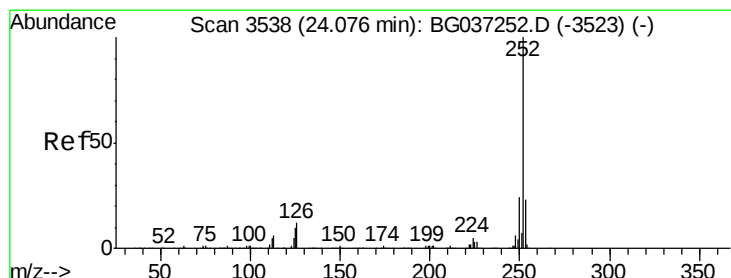
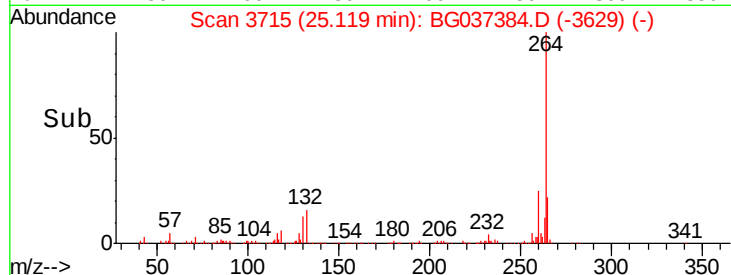
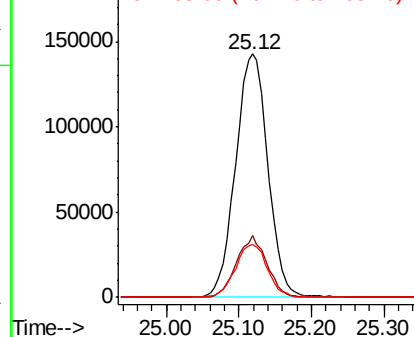
Tgt Ion:	264	Resp:	440782
Ion Ratio		Lower	Upper
264	100		
260	25.3	18.2	27.4
265	22.0	17.9	26.9

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.245 ng

RT: 24.05 min Scan# 3533

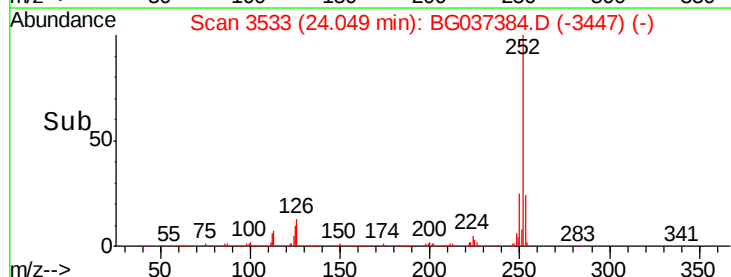
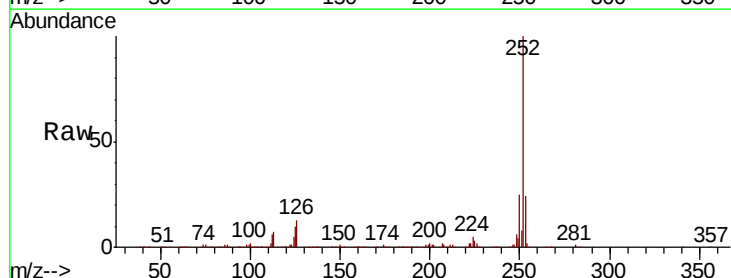
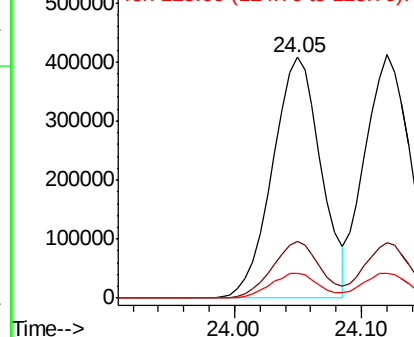
Delta R.T. -0.03 min

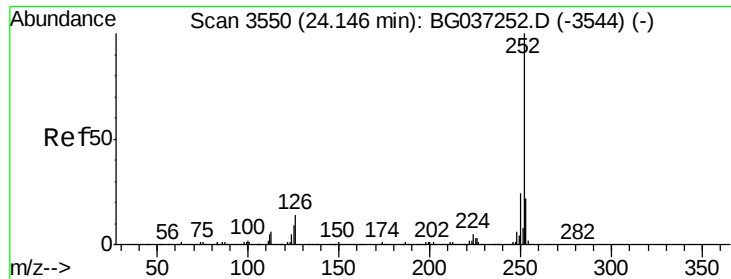
Lab File: BG037384.D

Acq: 17 Oct 2018 10:11

Tgt Ion:	252	Resp:	1084276
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.1	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





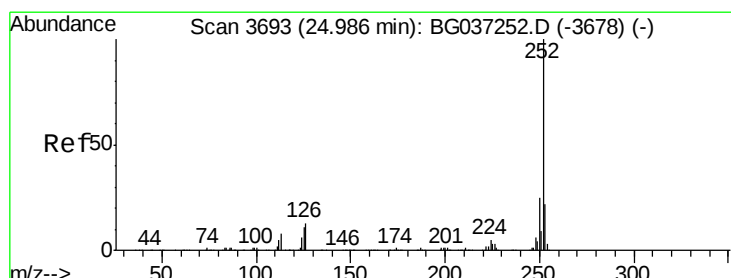
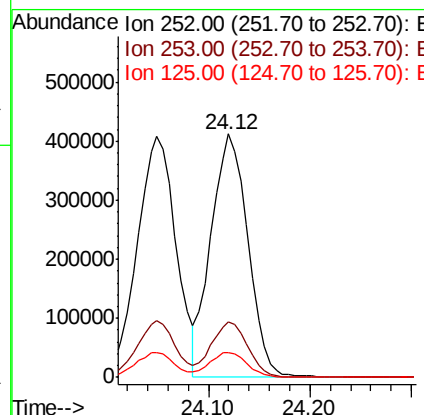
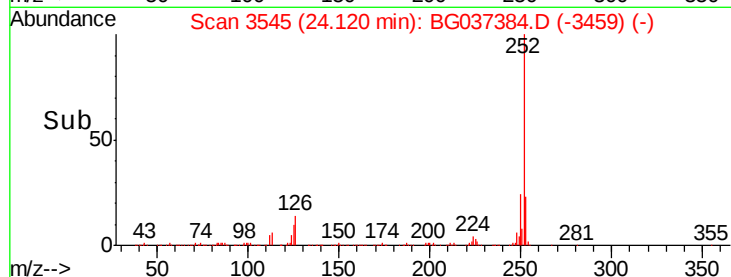
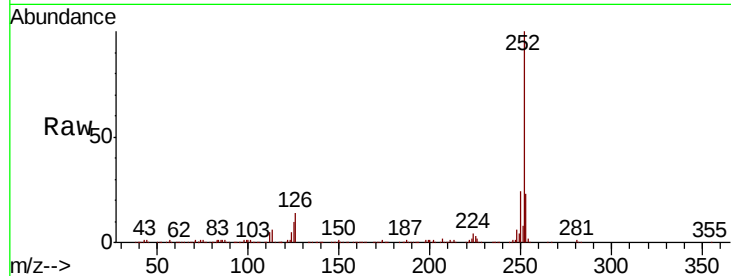
#89
Benzo(k)fluoranthene
Concen: 43.856 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampled :
PB113496BS

Tgt Ion: 252 Resp: 1037074
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.2 7.4 11.0

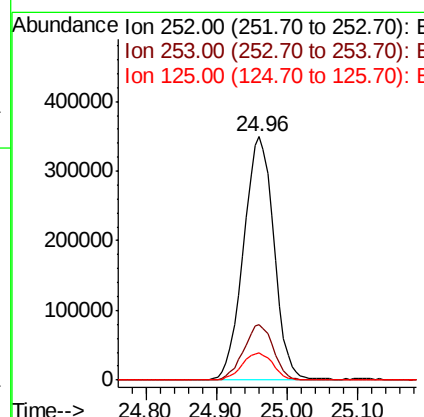
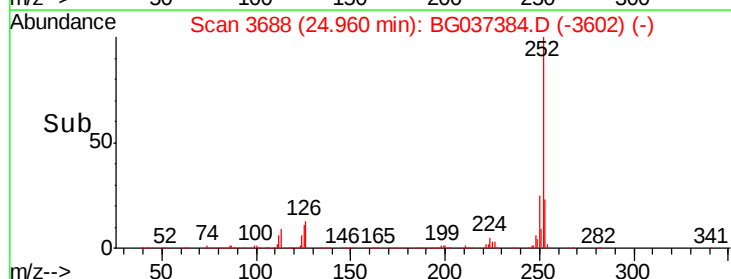
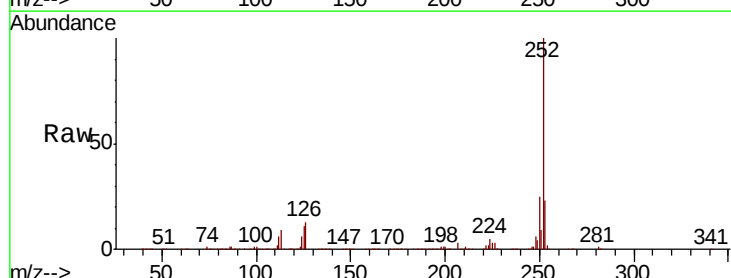
Manual Integrations
APPROVED

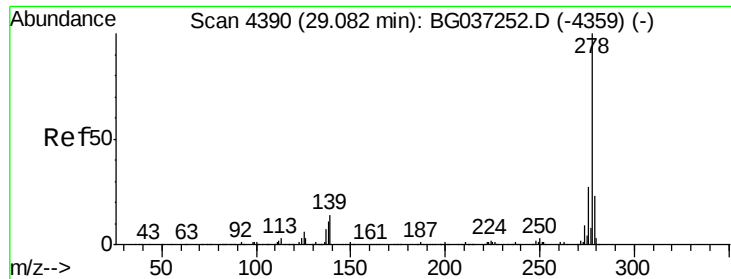
Sohil
10/17/2018 4:32:45 PM



#90
Benzo(a)pyrene
Concen: 45.588 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion: 252 Resp: 1047586
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.2 9.0 13.6





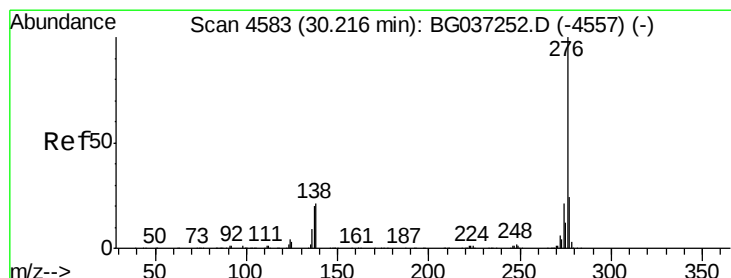
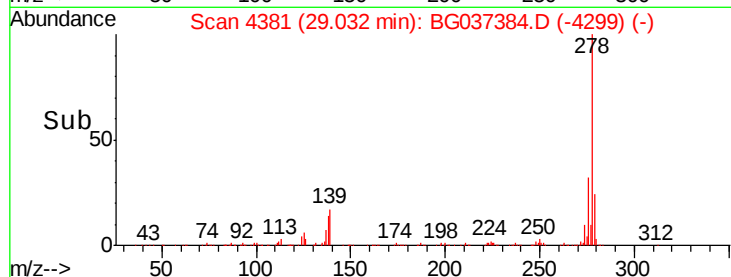
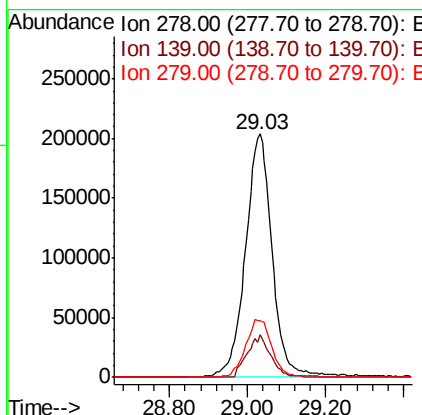
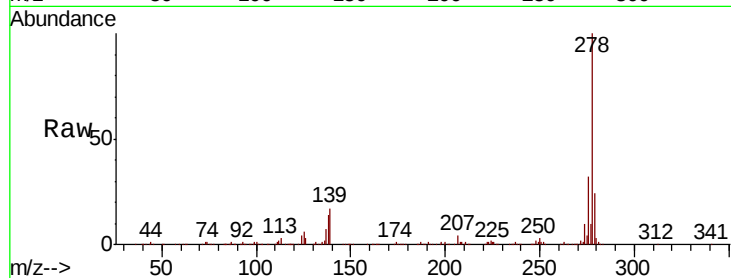
#91
Dibenzo(a,h)anthracene
Concen: 44.075 ng
RT: 29.03 min Scan# 4381
Delta R.T. -0.05 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	11.5	17.3#
279	23.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/17/2018 4:32:45 PM



#92
Benzo(g,h,i)perylene
Concen: 44.067 ng
RT: 30.17 min Scan# 4574
Delta R.T. -0.05 min
Lab File: BG037384.D
Acq: 17 Oct 2018 10:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	21.6	17.2	25.8

